

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038892.D
 Acq On : 17 Nov 2023 19:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2023
 Supervised By : Mahesh Dadoda 11/20/2023

Quant Time: Nov 17 22:55:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	139846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	261395	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108495	48.147	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.300%		
35) Dibromofluoromethane	5.385	113	89596	47.459	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.920%		
50) Toluene-d8	8.647	98	338300	46.836	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.680%		
62) 4-Bromofluorobenzene	11.079	95	133054	46.017	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	82222	50.389	ug/l	99
3) Chloromethane	1.294	50	95115	44.660	ug/l	99
4) Vinyl Chloride	1.374	62	97150	47.355	ug/l	99
5) Bromomethane	1.599	94	50269	59.264	ug/l	100
6) Chloroethane	1.678	64	58782	50.208	ug/l	98
7) Trichlorofluoromethane	1.886	101	131437	50.488	ug/l	98
8) Diethyl Ether	2.136	74	54236	47.833	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	78980	45.747	ug/l	98
10) Methyl Iodide	2.453	142	98732	46.986	ug/l	92
11) Tert butyl alcohol	2.959	59	161843	258.229	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	80335	46.090	ug/l	90
13) Acrolein	2.233	56	86434	260.669	ug/l	98
14) Allyl chloride	2.660	41	161993	46.420	ug/l	92
15) Acrylonitrile	3.062	53	322497	243.522	ug/l	99
16) Acetone	2.380	43	285429	237.942	ug/l #	89
17) Carbon Disulfide	2.508	76	220704	40.878	ug/l	99
18) Methyl Acetate	2.703	43	293262	51.469	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	301070	49.110	ug/l	100
20) Methylene Chloride	2.788	84	96452	44.604	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	88236	45.879	ug/l	93
22) Diisopropyl ether	3.757	45	309757	48.384	ug/l	95
23) Vinyl Acetate	3.721	43	1107058	240.103	ug/l	98
24) 1,1-Dichloroethane	3.611	63	170253	47.556	ug/l	98
25) 2-Butanone	4.556	43	470937	242.093	ug/l	94
26) 2,2-Dichloropropane	4.477	77	137882	44.400	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	104888	46.788	ug/l	95
28) Bromochloromethane	4.897	49	84678	49.264	ug/l	99
29) Tetrahydrofuran	5.001	42	309972	250.961	ug/l	98
30) Chloroform	5.092	83	170845	48.871	ug/l	99
31) Cyclohexane	5.470	56	148271	46.086	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	147752	48.796	ug/l	99
36) 1,1-Dichloropropene	5.690	75	124245	45.919	ug/l	98
37) Ethyl Acetate	4.714	43	170145	48.266	ug/l	98
38) Carbon Tetrachloride	5.678	117	123889	49.541	ug/l	97
39) Methylcyclohexane	7.379	83	155226	43.982	ug/l	94
40) Benzene	6.037	78	377018	47.111	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038892.D
 Acq On : 17 Nov 2023 19:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2023
 Supervised By : Mahesh Dadoda 11/20/2023

Quant Time: Nov 17 22:55:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	90676	49.595	ug/l	93
42) 1,2-Dichloroethane	6.086	62	132439	49.950	ug/l	98
43) Isopropyl Acetate	6.342	43	273428	48.534	ug/l	97
44) Trichloroethene	7.129	130	94758	48.645	ug/l	99
45) 1,2-Dichloropropane	7.433	63	103265	47.950	ug/l	100
46) Dibromomethane	7.580	93	70901	49.368	ug/l	97
47) Bromodichloromethane	7.824	83	137782	48.336	ug/l	98
48) Methyl methacrylate	7.690	41	128686	47.079	ug/l	93
49) 1,4-Dioxane	7.659	88	56458	1067.630	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	907562	252.082	ug/l	99
52) Toluene	8.720	92	235507	47.423	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	160201	47.293	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	168082	48.037	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	99450	47.994	ug/l	93
56) Ethyl methacrylate	9.116	69	171235	48.841	ug/l	95
57) 1,3-Dichloropropane	9.305	76	166610	48.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	406465	248.871	ug/l	96
59) 2-Hexanone	9.427	43	720626	249.722	ug/l	96
60) Dibromochloromethane	9.518	129	103897	49.312	ug/l	99
61) 1,2-Dibromoethane	9.610	107	106118	48.804	ug/l	99
64) Tetrachloroethene	9.275	164	71558	46.876	ug/l	97
65) Chlorobenzene	10.079	112	249568	47.175	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	91471	48.067	ug/l	98
67) Ethyl Benzene	10.195	91	462777	47.613	ug/l	100
68) m/p-Xylenes	10.299	106	350492	95.329	ug/l	99
69) o-Xylene	10.640	106	172145	47.318	ug/l	99
70) Styrene	10.652	104	290558	47.291	ug/l	98
71) Bromoform	10.799	173	77986	49.159	ug/l #	99
73) Isopropylbenzene	10.963	105	449612	46.859	ug/l	100
74) N-amyl acetate	10.841	43	242610	47.832	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	174605	46.616	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	146494m	47.678	ug/l	
77) Bromobenzene	11.195	156	100353	46.546	ug/l	96
78) n-propylbenzene	11.305	91	550604	46.620	ug/l	99
79) 2-Chlorotoluene	11.366	91	322351	45.990	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	382761	47.444	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	62660	45.235	ug/l #	81
82) 4-Chlorotoluene	11.451	91	375993	46.523	ug/l	99
83) tert-Butylbenzene	11.713	119	380382	47.874	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	385172	47.169	ug/l	99
85) sec-Butylbenzene	11.890	105	490047	47.151	ug/l	99
86) p-Isopropyltoluene	12.006	119	389121	46.640	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	195069	46.204	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	197775	45.770	ug/l	98
89) n-Butylbenzene	12.335	91	385958	45.851	ug/l	98
90) Hexachloroethane	12.536	117	79057	47.451	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	193429	48.305	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	45372	49.442	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	124820	46.516	ug/l	98
94) Hexachlorobutadiene	13.725	225	43950	46.250	ug/l	99
95) Naphthalene	13.774	128	472259	47.254	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	120972	47.557	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
Data File : VX038892.D
Acq On : 17 Nov 2023 19:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

Quant Time: Nov 17 22:55:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
Data File : VX038892.D
Acq On : 17 Nov 2023 19:44
Operator : JC/MD
Sample : VSTDC0050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDC0050EC

Quant Time: Nov 17 22:55:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

