

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038844.D
 Acq On : 16 Nov 2023 17:49
 Operator : JC/MD
 Sample : VX1116WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Quant Time: Nov 16 23:04:23 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 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	165048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	308620	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	132534	49.834	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.660%		
35) Dibromofluoromethane	5.385	113	110481	49.567	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.140%		
50) Toluene-d8	8.647	98	421894	49.472	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.940%		
62) 4-Bromofluorobenzene	11.079	95	163405	47.866	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	40653	21.110	ug/l	95
3) Chloromethane	1.300	50	47379	18.849	ug/l	99
4) Vinyl Chloride	1.374	62	47360	19.560	ug/l	99
5) Bromomethane	1.605	94	28742	28.711	ug/l	98
6) Chloroethane	1.685	64	28971	20.967	ug/l	98
7) Trichlorofluoromethane	1.886	101	60292	19.623	ug/l	99
8) Diethyl Ether	2.136	74	25660	19.175	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	38778	19.031	ug/l	97
10) Methyl Iodide	2.453	142	47964	19.340	ug/l	89
11) Tert butyl alcohol	2.953	59	75569	102.163	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	39403	19.154	ug/l	88
13) Acrolein	2.233	56	38001	97.104	ug/l	98
14) Allyl chloride	2.666	41	80269	19.489	ug/l	90
15) Acrylonitrile	3.062	53	157541	100.797	ug/l	99
16) Acetone	2.380	43	141224	99.752	ug/l #	86
17) Carbon Disulfide	2.508	76	114176	17.918	ug/l	99
18) Methyl Acetate	2.703	43	138988	20.668	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	142295	19.667	ug/l	97
20) Methylene Chloride	2.788	84	46683	18.292	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	42529	18.737	ug/l	94
22) Diisopropyl ether	3.757	45	150006	19.853	ug/l	98
23) Vinyl Acetate	3.721	43	534134	98.156	ug/l	99
24) 1,1-Dichloroethane	3.611	63	83157	19.681	ug/l	100
25) 2-Butanone	4.556	43	230670	100.473	ug/l	96
26) 2,2-Dichloropropane	4.471	77	69137	18.864	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	51889	19.612	ug/l	93
28) Bromochloromethane	4.897	49	42313	20.858	ug/l	96
29) Tetrahydrofuran	5.001	42	147451	101.151	ug/l	96
30) Chloroform	5.092	83	79553	19.282	ug/l	100
31) Cyclohexane	5.470	56	73526	19.364	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	68868	19.271	ug/l	98
36) 1,1-Dichloropropene	5.696	75	59882	18.745	ug/l	97
37) Ethyl Acetate	4.714	43	81618	19.610	ug/l	97
38) Carbon Tetrachloride	5.678	117	57929	19.620	ug/l	97
39) Methylcyclohexane	7.379	83	76758	18.421	ug/l	97
40) Benzene	6.037	78	183514	19.422	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038844.D
 Acq On : 16 Nov 2023 17:49
 Operator : JC/MD
 Sample : VX1116WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Quant Time: Nov 16 23:04:23 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 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43467	20.136	ug/l	93
42) 1,2-Dichloroethane	6.086	62	61200	19.550	ug/l	95
43) Isopropyl Acetate	6.342	43	130255	19.583	ug/l	98
44) Trichloroethene	7.129	130	44520	19.358	ug/l	90
45) 1,2-Dichloropropane	7.434	63	51182	20.129	ug/l	99
46) Dibromomethane	7.580	93	33783	19.923	ug/l	97
47) Bromodichloromethane	7.824	83	64629	19.204	ug/l	95
48) Methyl methacrylate	7.690	41	62065	19.231	ug/l	91
49) 1,4-Dioxane	7.659	88	24393	390.691	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	429537	101.051	ug/l	98
52) Toluene	8.720	92	114065	19.454	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	76597	19.152	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	81011	19.610	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	47268	19.321	ug/l	92
56) Ethyl methacrylate	9.116	69	81091	19.590	ug/l	94
57) 1,3-Dichloropropane	9.305	76	79959	19.762	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	177120	91.853	ug/l	96
59) 2-Hexanone	9.427	43	343731	100.888	ug/l	96
60) Dibromochloromethane	9.518	129	49235	19.792	ug/l	98
61) 1,2-Dibromoethane	9.610	107	50238	19.569	ug/l	97
64) Tetrachloroethene	9.275	164	33476	18.659	ug/l	95
65) Chlorobenzene	10.079	112	118267	19.021	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	42558	19.028	ug/l	97
67) Ethyl Benzene	10.195	91	218610	19.137	ug/l	100
68) m/p-Xylenes	10.299	106	165799	38.369	ug/l	100
69) o-Xylene	10.640	106	83126	19.441	ug/l	97
70) Styrene	10.652	104	137660	19.063	ug/l	98
71) Bromoform	10.799	173	35481	19.030	ug/l #	96
73) Isopropylbenzene	10.963	105	208262	18.622	ug/l	98
74) N-amyl acetate	10.841	43	111271	18.822	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	81528	18.675	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	67962m	18.977	ug/l	
77) Bromobenzene	11.195	156	46398	18.464	ug/l	95
78) n-propylbenzene	11.305	91	256382	18.625	ug/l	99
79) 2-Chlorotoluene	11.366	91	149115	18.253	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	177924	18.921	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	30281	18.755	ug/l #	78
82) 4-Chlorotoluene	11.451	91	175035	18.582	ug/l	100
83) tert-Butylbenzene	11.713	119	170421	18.402	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	177452	18.644	ug/l	99
85) sec-Butylbenzene	11.890	105	226440	18.693	ug/l	98
86) p-Isopropyltoluene	12.006	119	180606	18.573	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	92021	18.700	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	92776	18.421	ug/l	99
89) n-Butylbenzene	12.335	91	177781	18.120	ug/l	98
90) Hexachloroethane	12.536	117	36384	18.736	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	86899	18.619	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20610	19.269	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	57172	18.280	ug/l	97
94) Hexachlorobutadiene	13.725	225	19462	17.572	ug/l	99
95) Naphthalene	13.774	128	219473	18.841	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	54786	18.478	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
Data File : VX038844.D
Acq On : 16 Nov 2023 17:49
Operator : JC/MD
Sample : VX1116WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

Quant Time: Nov 16 23:04:23 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

