

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121522\
 Data File : VX033430.D
 Acq On : 15 Dec 2022 10:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2022
 Supervised By : Mahesh Dadoda 12/16/2022

Quant Time: Dec 16 00:54:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	139266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214327	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38081	42.623	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.240%		
35) Dibromofluoromethane	5.379	113	44592	46.257	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.520%		
50) Toluene-d8	8.647	98	97560	48.378	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.760%		
62) 4-Bromofluorobenzene	11.079	95	79249	51.395	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	47530	48.857	ug/l	95
3) Chloromethane	1.294	50	47138	41.907	ug/l	100
4) Vinyl Chloride	1.374	62	54704	42.593	ug/l	99
5) Bromomethane	1.618	94	35871	38.059	ug/l	97
6) Chloroethane	1.691	64	44508	45.688	ug/l	99
7) Trichlorofluoromethane	1.892	101	84304	34.963	ug/l	99
8) Diethyl Ether	2.130	74	29931	34.367	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	66428	51.935	ug/l	99
10) Methyl Iodide	2.453	142	67859	48.441	ug/l	100
11) Tert butyl alcohol	2.995	59	54282m	198.723	ug/l	
12) 1,1-Dichloroethene	2.325	96	59977	47.504	ug/l	94
13) Acrolein	2.239	56	44660	150.751	ug/l	99
14) Allyl chloride	2.666	41	92103	45.680	ug/l	97
15) Acrylonitrile	3.062	53	147306	217.703	ug/l	99
16) Acetone	2.386	43	174360	263.734	ug/l	99
17) Carbon Disulfide	2.514	76	141648	43.713	ug/l	99
18) Methyl Acetate	2.703	43	86757	45.331	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	210433	48.117	ug/l	99
20) Methylene Chloride	2.788	84	65148	44.186	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	66164	47.906	ug/l	99
22) Diisopropyl ether	3.751	45	211702	49.007	ug/l #	81
23) Vinyl Acetate	3.721	43	796105	237.436	ug/l	97
24) 1,1-Dichloroethane	3.605	63	118365	46.634	ug/l	99
25) 2-Butanone	4.556	43	223330	235.335	ug/l	97
26) 2,2-Dichloropropane	4.477	77	97132	52.038	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	81133	49.154	ug/l	96
28) Bromochloromethane	4.891	49	51029	48.028	ug/l	93
29) Tetrahydrofuran	5.001	42	132245	215.085	ug/l	96
30) Chloroform	5.086	83	138266	49.069	ug/l	100
31) Cyclohexane	5.471	56	104151	49.051	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	124544	51.371	ug/l	98
36) 1,1-Dichloropropene	5.690	75	96432	51.308	ug/l	98
37) Ethyl Acetate	4.708	43	81185	45.696	ug/l	99
38) Carbon Tetrachloride	5.678	117	109727	52.107	ug/l	99
39) Methylcyclohexane	7.379	83	115689	54.993	ug/l	97
40) Benzene	6.037	78	276871	50.524	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121522\
 Data File : VX033430.D
 Acq On : 15 Dec 2022 10:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 16 00:54:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2022
 Supervised By : Mahesh Dadoda 12/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	46339	47.333	ug/l	98
42) 1,2-Dichloroethane	6.080	62	108334	49.784	ug/l	98
43) Isopropyl Acetate	6.336	43	136769	47.844	ug/l	97
44) Trichloroethene	7.123	130	79155	52.390	ug/l	96
45) 1,2-Dichloropropane	7.427	63	70651	50.412	ug/l	99
46) Dibromomethane	7.580	93	53766	50.361	ug/l	99
47) Bromodichloromethane	7.818	83	108950	52.352	ug/l	100
48) Methyl methacrylate	7.690	41	70703	47.923	ug/l	93
49) 1,4-Dioxane	7.696	88	29747	884.207	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	445493	246.435	ug/l	96
52) Toluene	8.720	92	194022	54.761	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	109761	49.141	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	117676	53.138	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	78302	52.574	ug/l	98
56) Ethyl methacrylate	9.116	69	112579	53.687	ug/l #	90
57) 1,3-Dichloropropane	9.305	76	126034	52.677	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	229186	238.862	ug/l	98
59) 2-Hexanone	9.427	43	340694	255.739	ug/l	95
60) Dibromochloromethane	9.519	129	90138	54.930	ug/l	100
61) 1,2-Dibromoethane	9.610	107	84315	53.222	ug/l	100
64) Tetrachloroethene	9.275	164	71561	50.953	ug/l	98
65) Chlorobenzene	10.079	112	214048	51.464	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	80870	51.451	ug/l	99
67) Ethyl Benzene	10.195	91	381798	52.692	ug/l	97
68) m/p-Xylenes	10.299	106	304061	107.856	ug/l	97
69) o-Xylene	10.640	106	146323	52.510	ug/l	97
70) Styrene	10.652	104	244830	53.646	ug/l	98
71) Bromoform	10.799	173	63916	51.374	ug/l #	99
73) Isopropylbenzene	10.963	105	390064	51.922	ug/l	99
74) N-amyl acetate	10.841	43	125085	48.802	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	113177	47.488	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	102065m	48.402	ug/l	
77) Bromobenzene	11.195	156	96292	50.759	ug/l	97
78) n-propylbenzene	11.305	91	447548	53.354	ug/l	99
79) 2-Chlorotoluene	11.366	91	265311	51.178	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	328826	52.584	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32326	47.686	ug/l	94
82) 4-Chlorotoluene	11.451	91	307861	51.072	ug/l	98
83) tert-Butylbenzene	11.713	119	325763	52.240	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	326303	52.274	ug/l	100
85) sec-Butylbenzene	11.890	105	400794	55.088	ug/l	99
86) p-Isopropyltoluene	12.006	119	340165	54.230	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	177873	51.761	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	178208	50.770	ug/l	99
89) n-Butylbenzene	12.329	91	287863	56.031	ug/l	99
90) Hexachloroethane	12.536	117	54653	51.259	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	170984	49.768	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22473	43.655	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	109066	52.564	ug/l	99
94) Hexachlorobutadiene	13.725	225	46128	55.517	ug/l	99
95) Naphthalene	13.774	128	347251	50.172	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	106772	50.808	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121522\
Data File : VX033430.D
Acq On : 15 Dec 2022 10:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

Quant Time: Dec 16 00:54:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
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\VX121522\
 Data File : VX033430.D
 Acq On : 15 Dec 2022 10:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 16 00:54:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/16/2022
 Supervised By : Mahesh Dadoda 12/16/2022

