

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112120\
 Data File : VX019534.D
 Acq On : 21 Nov 2020 08:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 9:34:59 AM

Quant Time: Nov 23 00:20:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	274987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	484052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	419037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199520	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	181851	51.00	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.00%
35) Dibromofluoromethane	5.46	113	149233	49.12	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.24%
50) Toluene-d8	8.70	98	552011	46.75	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.50%
62) 4-Bromofluorobenzene	11.12	95	205465	48.37	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.74%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	130925	48.960	ug/l	98
3) Chloromethane	1.31	50	143241	46.679	ug/l	99
4) Vinyl Chloride	1.39	62	164426	49.777	ug/l	100
5) Bromomethane	1.62	94	51889	41.472	ug/l	100
6) Chloroethane	1.69	64	43147	53.952	ug/l	94
7) Trichlorofluoromethane	1.90	101	237233	49.758	ug/l	97
8) Diethyl Ether	2.17	74	101902	53.368	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	126791	47.668	ug/l	99
10) Methyl Iodide	2.48	142	160044	45.801	ug/l	100
11) Tert butyl alcohol	3.04	59	199523	295.694	ug/l	99
12) 1,1-Dichloroethene	2.35	96	137491	50.362	ug/l	96
13) Acrolein	2.28	56	91073	200.791	ug/l	100
14) Allyl chloride	2.70	41	207602	48.541	ug/l	98
15) Acrylonitrile	3.12	53	415087	260.844	ug/l	100
16) Acetone	2.43	43	333028	241.531	ug/l	99
17) Carbon Disulfide	2.54	76	351517	47.928	ug/l	100
18) Methyl Acetate	2.75	43	177939	52.600	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	524740	55.684	ug/l	99
20) Methylene Chloride	2.83	84	166846	48.414	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	155048	50.126	ug/l	96
22) Diisopropyl ether	3.82	45	470320	53.159	ug/l	98
23) Vinyl Acetate	3.78	43	2010467	270.911	ug/l	100
24) 1,1-Dichloroethane	3.67	63	282246	52.156	ug/l	99
25) 2-Butanone	4.64	43	529515	255.650	ug/l	98
26) 2,2-Dichloropropane	4.54	77	168826	35.742	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	188032	52.922	ug/l	98
28) Bromochloromethane	4.98	49	123156	47.601	ug/l	98
29) Tetrahydrofuran	5.09	42	342049	258.823	ug/l	99
30) Chloroform	5.17	83	296571	52.411	ug/l	100
31) Cyclohexane	5.54	56	225518	48.631	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	258532	53.188	ug/l	99
36) 1,1-Dichloropropene	5.76	75	211923	46.700	ug/l	98
37) Ethyl Acetate	4.80	43	212521	49.885	ug/l	99
38) Carbon Tetrachloride	5.75	117	215542	49.071	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019534.D
 Acq On : 21 Nov 2020 08:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 9:34:59 AM

Quant Time: Nov 23 00:20:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	226621	42.890	ug/l	99
40) Benzene	6.11	78	668855	47.971	ug/l	99
41) Methacrylonitrile	5.01	41	114975	48.940	ug/l	98
42) 1,2-Dichloroethane	6.16	62	234748	49.120	ug/l	100
43) Isopropyl Acetate	6.42	43	356305	49.753	ug/l	99
44) Trichloroethene	7.19	130	174771	47.854	ug/l	99
45) 1,2-Dichloropropane	7.49	63	167505	48.800	ug/l	99
46) Dibromomethane	7.63	93	117140	49.862	ug/l	99
47) Bromodichloromethane	7.87	83	232233	50.943	ug/l	99
48) Methyl methacrylate	7.74	41	173508	51.733	ug/l	99
49) 1,4-Dioxane	7.72	88	79375	1042.329	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1047264	250.777	ug/l	99
52) Toluene	8.76	92	414868	48.638	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	241683	49.089	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	264449	48.401	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	168953	48.636	ug/l	98
56) Ethyl methacrylate	9.16	69	263635	53.634	ug/l	99
57) 1,3-Dichloropropane	9.35	76	284711	48.954	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	681146	236.489	ug/l	98
59) 2-Hexanone	9.48	43	790121	249.468	ug/l	99
60) Dibromochloromethane	9.57	129	176121	51.761	ug/l	98
61) 1,2-Dibromoethane	9.65	107	176173	49.200	ug/l	97
64) Tetrachloroethene	9.32	164	145198	44.082	ug/l	98
65) Chlorobenzene	10.12	112	431138	50.042	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	162918	51.988	ug/l	99
67) Ethyl Benzene	10.23	91	767741	50.867	ug/l	99
68) m/p-Xylenes	10.34	106	572244	101.767	ug/l	99
69) o-Xylene	10.68	106	279682	52.031	ug/l	100
70) Styrene	10.70	104	473443	47.662	ug/l	99
71) Bromoform	10.84	173	124169	47.006	ug/l	100
73) Isopropylbenzene	11.00	105	734802	53.237	ug/l	99
74) N-amyl acetate	10.88	43	304852	58.943	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	259492	52.573	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	229058m	52.606	ug/l	
77) Bromobenzene	11.24	156	183449	52.064	ug/l	99
78) n-propylbenzene	11.34	91	818598	51.699	ug/l	99
79) 2-Chlorotoluene	11.40	91	505813	52.674	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	620747	53.612	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	73981	46.239	ug/l	99
82) 4-Chlorotoluene	11.49	91	584678	51.721	ug/l	100
83) tert-Butylbenzene	11.76	119	599355	53.506	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	625636	53.404	ug/l	99
85) sec-Butylbenzene	11.93	105	675940	50.723	ug/l	100
86) p-Isopropyltoluene	12.05	119	618961	51.158	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	326073	50.391	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	324940	48.750	ug/l	99
89) n-Butylbenzene	12.37	91	514717	47.057	ug/l	98
90) Hexachloroethane	12.58	117	107666	53.179	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	329046	50.629	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56958	56.564	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
Data File : VX019534.D
Acq On : 21 Nov 2020 08:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
11/23/2020 9:34:59 AM

Quant Time: Nov 23 00:20:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	212987	51.045	ug/l	97
94) Hexachlorobutadiene	13.76	225	80488	42.345	ug/l	97
95) Naphthalene	13.82	128	753013	51.116	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	217050	52.005	ug/l	99

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

