

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121420\
 Data File : VX019976.D
 Acq On : 14 Dec 2020 10:51
 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

MMDadoda
 12/15/2020 5:33:48 PM

Quant Time: Dec 15 00:32:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	274549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	441030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	406930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207736	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	166356	46.10	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.20%
35) Dibromofluoromethane	5.46	113	135931	47.69	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.38%
50) Toluene-d8	8.70	98	521307	47.91	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.82%
62) 4-Bromofluorobenzene	11.12	95	200549	48.42	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.84%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	120699	48.018	ug/l 98
3) Chloromethane	1.31	50	134592	45.530	ug/l 100
4) Vinyl Chloride	1.39	62	155159	49.778	ug/l 99
5) Bromomethane	1.62	94	43476	42.007	ug/l 97
6) Chloroethane	1.70	64	101312	54.107	ug/l 97
7) Trichlorofluoromethane	1.91	101	219686	50.608	ug/l 97
8) Diethyl Ether	2.17	74	93489	50.822	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	127906	51.406	ug/l 98
10) Methyl Iodide	2.49	142	165327	45.079	ug/l 99
11) Tert butyl alcohol	3.01	59	178696	240.790	ug/l 99
12) 1,1-Dichloroethene	2.36	96	123658	49.159	ug/l 98
13) Acrolein	2.27	56	75427	189.374	ug/l 99
14) Allyl chloride	2.70	41	218641	51.464	ug/l 97
15) Acrylonitrile	3.11	53	434308	266.242	ug/l 99
16) Acetone	2.42	43	351104	258.869	ug/l 100
17) Carbon Disulfide	2.55	76	314430	43.564	ug/l 100
18) Methyl Acetate	2.75	43	189728	57.164	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	486302	53.085	ug/l 99
20) Methylene Chloride	2.83	84	161836	52.332	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	147820	50.405	ug/l 97
22) Diisopropyl ether	3.82	45	470828	54.814	ug/l 98
23) Vinyl Acetate	3.78	43	1978629	270.379	ug/l 100
24) 1,1-Dichloroethane	3.67	63	273204	52.744	ug/l 100
25) 2-Butanone	4.63	43	552679	265.189	ug/l 99
26) 2,2-Dichloropropane	4.55	77	224698	50.373	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	173188	50.463	ug/l 99
28) Bromochloromethane	4.98	49	123520	50.023	ug/l 97
29) Tetrahydrofuran	5.08	42	351756	261.966	ug/l 98
30) Chloroform	5.17	83	282458	53.033	ug/l 98
31) Cyclohexane	5.54	56	225560	50.253	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	238788	52.062	ug/l 100
36) 1,1-Dichloropropene	5.76	75	203655	51.102	ug/l 99
37) Ethyl Acetate	4.79	43	211480	52.557	ug/l 99
38) Carbon Tetrachloride	5.75	117	203824	52.227	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	240403	51.344	ug/l	98
40) Benzene	6.11	78	632236	51.934	ug/l	98
41) Methacrylonitrile	5.00	41	117825	53.332	ug/l	99
42) 1,2-Dichloroethane	6.15	62	218550	52.543	ug/l	100
43) Isopropyl Acetate	6.40	43	338824	51.793	ug/l	99
44) Trichloroethene	7.18	130	162259	50.799	ug/l	99
45) 1,2-Dichloropropane	7.48	63	163338	53.684	ug/l	99
46) Dibromomethane	7.63	93	107678	52.406	ug/l	100
47) Bromodichloromethane	7.87	83	220495	54.080	ug/l	99
48) Methyl methacrylate	7.74	41	169099	52.558	ug/l	98
49) 1,4-Dioxane	7.71	88	80094	1027.636	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1091750	273.344	ug/l	99
52) Toluene	8.76	92	397218	52.169	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	238501	52.714	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	261287	53.157	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	166432	54.241	ug/l	99
56) Ethyl methacrylate	9.16	69	248350	53.497	ug/l	99
57) 1,3-Dichloropropane	9.35	76	278563	53.168	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	678743	275.989	ug/l	99
59) 2-Hexanone	9.47	43	828223	267.521	ug/l	99
60) Dibromochloromethane	9.56	129	167771	53.817	ug/l	100
61) 1,2-Dibromoethane	9.65	107	169631	52.063	ug/l	99
64) Tetrachloroethene	9.32	164	152381	55.839	ug/l	97
65) Chlorobenzene	10.12	112	419223	51.710	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	155574	53.315	ug/l	98
67) Ethyl Benzene	10.23	91	756421	52.564	ug/l	100
68) m/p-Xylenes	10.34	106	572839	105.639	ug/l	99
69) o-Xylene	10.68	106	274184	52.564	ug/l	100
70) Styrene	10.70	104	476600	54.132	ug/l	100
71) Bromoform	10.84	173	120725	52.591	ug/l	97
73) Isopropylbenzene	11.00	105	747340	52.658	ug/l	100
74) N-amyl acetate	10.88	43	295235	51.909	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	260317	52.025	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	245723m	52.740	ug/l	
77) Bromobenzene	11.24	156	184111	50.691	ug/l	98
78) n-propylbenzene	11.34	91	863890	53.294	ug/l	100
79) 2-Chlorotoluene	11.40	91	515802	51.671	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	639136	53.359	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	84022	52.132	ug/l	99
82) 4-Chlorotoluene	11.49	91	615850	52.677	ug/l	98
83) tert-Butylbenzene	11.76	119	615383	52.384	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	641734	53.187	ug/l	100
85) sec-Butylbenzene	11.93	105	726086	54.136	ug/l	99
86) p-Isopropyltoluene	12.05	119	667215	54.280	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	339064	50.864	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	344224	50.699	ug/l	99
89) n-Butylbenzene	12.37	91	592396	54.396	ug/l	99
90) Hexachloroethane	12.58	117	111908	52.733	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	330550	50.867	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56363	52.398	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	227518	53.786	ug/l	98
94) Hexachlorobutadiene	13.77	225	99832	52.803	ug/l	100
95) Naphthalene	13.82	128	759944	55.414	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	221573	53.598	ug/l	99

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

