

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX113020\
 Data File : VX019684.D
 Acq On : 30 Nov 2020 16:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/1/2020 9:35:58 AM

Quant Time: Dec 01 03:20:41 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	5.63	168	253443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	426263	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	387034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196323	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	164852	50.17	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.34%
35) Dibromofluoromethane	5.46	113	135023	50.46	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.92%
50) Toluene-d8	8.70	98	499091	48.00	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.00%
62) 4-Bromofluorobenzene	11.12	95	190968	51.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.10%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	117743	47.773	ug/l	97
3) Chloromethane	1.31	50	127969	45.248	ug/l	99
4) Vinyl Chloride	1.39	62	147710	48.517	ug/l	99
5) Bromomethane	1.62	94	45363	39.338	ug/l	100
6) Chloroethane	1.68	64	34025	45.494	ug/l	98
7) Trichlorofluoromethane	1.90	101	209812	47.748	ug/l	98
8) Diethyl Ether	2.17	74	89546	50.883	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	123994	50.579	ug/l	99
10) Methyl Iodide	2.48	142	172062	53.426	ug/l	100
11) Tert butyl alcohol	3.05	59	189713	305.055	ug/l	100
12) 1,1-Dichloroethene	2.34	96	124613	49.525	ug/l	99
13) Acrolein	2.28	56	94451	225.940	ug/l	100
14) Allyl chloride	2.70	41	203966	51.745	ug/l	98
15) Acrylonitrile	3.12	53	415873	283.553	ug/l	100
16) Acetone	2.43	43	336801	265.032	ug/l	98
17) Carbon Disulfide	2.54	76	303475	44.895	ug/l	99
18) Methyl Acetate	2.75	43	180397	57.796	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	476262	54.835	ug/l	100
20) Methylene Chloride	2.83	84	154004	48.486	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	144295	50.616	ug/l	97
22) Diisopropyl ether	3.83	45	430896	52.843	ug/l	93
23) Vinyl Acetate	3.79	43	1881940	275.149	ug/l	100
24) 1,1-Dichloroethane	3.67	63	263147	52.760	ug/l	98
25) 2-Butanone	4.64	43	534849	280.176	ug/l	100
26) 2,2-Dichloropropane	4.54	77	212024	48.702	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	172037	52.536	ug/l	99
28) Bromochloromethane	4.98	49	112126	47.021	ug/l	99
29) Tetrahydrofuran	5.09	42	339900	279.060	ug/l	100
30) Chloroform	5.17	83	271844	52.125	ug/l	98
31) Cyclohexane	5.54	56	210845	49.332	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	234225	52.283	ug/l	100
36) 1,1-Dichloropropene	5.76	75	192534	48.179	ug/l	99
37) Ethyl Acetate	4.80	43	205699	54.829	ug/l	100
38) Carbon Tetrachloride	5.75	117	195721	50.599	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	220017	47.285	ug/l	98
40) Benzene	6.11	78	608423	49.552	ug/l	100
41) Methacrylonitrile	5.01	41	111221	53.761	ug/l	99
42) 1,2-Dichloroethane	6.16	62	213236	50.668	ug/l	100
43) Isopropyl Acetate	6.42	43	332932	52.792	ug/l	100
44) Trichloroethene	7.18	130	154418	48.013	ug/l	94
45) 1,2-Dichloropropane	7.49	63	154776	51.204	ug/l	99
46) Dibromomethane	7.63	93	105567	51.028	ug/l	99
47) Bromodichloromethane	7.88	83	208367	51.904	ug/l	97
48) Methyl methacrylate	7.75	41	162493	55.017	ug/l	99
49) 1,4-Dioxane	7.72	88	83158	1240.051	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1041261	283.143	ug/l	100
52) Toluene	8.76	92	372914	49.647	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	226278	52.191	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	248168	51.579	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	155652	50.882	ug/l	98
56) Ethyl methacrylate	9.16	69	242142	55.940	ug/l	99
57) 1,3-Dichloropropane	9.35	76	263962	51.539	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	629713	248.272	ug/l	99
59) 2-Hexanone	9.48	43	795514	285.222	ug/l	99
60) Dibromochloromethane	9.57	129	160023	53.406	ug/l	99
61) 1,2-Dibromoethane	9.65	107	162275	51.463	ug/l	99
64) Tetrachloroethene	9.32	164	126424	41.556	ug/l	96
65) Chlorobenzene	10.12	112	390860	49.118	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	147293	50.888	ug/l	99
67) Ethyl Benzene	10.24	91	701512	50.323	ug/l	98
68) m/p-Xylenes	10.34	106	532001	102.433	ug/l	98
69) o-Xylene	10.68	106	261341	52.639	ug/l	98
70) Styrene	10.70	104	444817	48.454	ug/l	100
71) Bromoform	10.84	173	118143	48.314	ug/l #	99
73) Isopropylbenzene	11.00	105	691778	50.936	ug/l	99
74) N-amyl acetate	10.88	43	287636	56.520	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	257071	52.931	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	224946m	52.503	ug/l	
77) Bromobenzene	11.24	156	176271	50.842	ug/l	97
78) n-propylbenzene	11.34	91	776620	49.847	ug/l	100
79) 2-Chlorotoluene	11.40	91	474029	50.168	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	589088	51.706	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	80013	50.403	ug/l	100
82) 4-Chlorotoluene	11.49	91	563964	50.702	ug/l	100
83) tert-Butylbenzene	11.76	119	569948	51.709	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	596482	51.744	ug/l	99
85) sec-Butylbenzene	11.93	105	663431	50.595	ug/l	99
86) p-Isopropyltoluene	12.05	119	600693	50.456	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	317839	49.918	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	321805	49.066	ug/l	99
89) n-Butylbenzene	12.37	91	522002	48.500	ug/l	99
90) Hexachloroethane	12.58	117	102649	51.527	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	316635	49.513	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56387	56.909	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	205802	50.126	ug/l	96
94) Hexachlorobutadiene	13.77	225	82781	44.260	ug/l	96
95) Naphthalene	13.82	128	718293	49.620	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	201572	49.083	ug/l	98

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

