

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019798.D
 Acq On : 10 Dec 2020 00:19
 Operator : JC/MD
 Sample : VX1209WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:31:09 AM

Quant Time: Dec 10 06:52:29 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	5.63	168	277804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	455302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	420275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	202458	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	171219	46.89	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.78%
35) Dibromofluoromethane	5.46	113	138128	46.94	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.88%
50) Toluene-d8	8.70	98	537784	47.87	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.74%
62) 4-Bromofluorobenzene	11.12	95	197257	46.13	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.26%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	48814	19.192	ug/l 98
3) Chloromethane	1.31	50	50025	16.724	ug/l 99
4) Vinyl Chloride	1.39	62	60300	19.119	ug/l 99
5) Bromomethane	1.62	94	32020	30.575	ug/l 99
6) Chloroethane	1.71	64	38846	20.503	ug/l 100
7) Trichlorofluoromethane	1.92	101	85798	19.533	ug/l 99
8) Diethyl Ether	2.17	74	36103	19.396	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50491	20.055	ug/l 99
10) Methyl Iodide	2.49	142	57827	15.583	ug/l 99
11) Tert butyl alcohol	3.01	59	83757	110.121	ug/l 97
12) 1,1-Dichloroethene	2.36	96	51196	20.114	ug/l 99
13) Acrolein	2.27	56	27087	67.210	ug/l 98
14) Allyl chloride	2.71	41	79745	18.551	ug/l 99
15) Acrylonitrile	3.11	53	167595	101.536	ug/l 99
16) Acetone	2.42	43	131039	95.483	ug/l 99
17) Carbon Disulfide	2.55	76	123824	16.955	ug/l 98
18) Methyl Acetate	2.75	43	71037	21.152	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	184519	19.906	ug/l 100
20) Methylene Chloride	2.83	84	62467	19.058	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	55778	18.797	ug/l 97
22) Diisopropyl ether	3.82	45	174996	20.134	ug/l 93
23) Vinyl Acetate	3.78	43	734548	99.200	ug/l 99
24) 1,1-Dichloroethane	3.67	63	103745	19.794	ug/l 99
25) 2-Butanone	4.63	43	210713	99.921	ug/l 100
26) 2,2-Dichloropropane	4.55	77	74174	16.434	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	67089	19.319	ug/l 98
28) Bromochloromethane	4.98	49	49616	19.858	ug/l 100
29) Tetrahydrofuran	5.09	42	135811	99.959	ug/l 99
30) Chloroform	5.17	83	106550	19.771	ug/l 99
31) Cyclohexane	5.54	56	87609	19.290	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	91627	19.743	ug/l 99
36) 1,1-Dichloropropene	5.77	75	77649	18.873	ug/l 99
37) Ethyl Acetate	4.79	43	80627	19.409	ug/l 100
38) Carbon Tetrachloride	5.75	117	76764	19.053	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	89145	18.442	ug/l	98
40) Benzene	6.11	78	242108	19.264	ug/l	99
41) Methacrylonitrile	4.99	41	45283	19.854	ug/l	99
42) 1,2-Dichloroethane	6.16	62	84884	19.768	ug/l	100
43) Isopropyl Acetate	6.41	43	129184	19.128	ug/l	99
44) Trichloroethene	7.19	130	62318	18.899	ug/l	98
45) 1,2-Dichloropropane	7.49	63	61964	19.727	ug/l	97
46) Dibromomethane	7.63	93	41920	19.763	ug/l	98
47) Bromodichloromethane	7.87	83	80390	19.099	ug/l	98
48) Methyl methacrylate	7.74	41	63201	19.028	ug/l	99
49) 1,4-Dioxane	7.71	88	31695	393.912	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	414328	100.485	ug/l	99
52) Toluene	8.76	92	151689	19.298	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	84085	18.002	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	93516	18.429	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	62549	19.746	ug/l	98
56) Ethyl methacrylate	9.16	69	91338	19.058	ug/l	99
57) 1,3-Dichloropropane	9.35	76	104840	19.383	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	249795	98.387	ug/l	99
59) 2-Hexanone	9.47	43	315702	98.777	ug/l	99
60) Dibromochloromethane	9.56	129	60954	18.940	ug/l	98
61) 1,2-Dibromoethane	9.65	107	65607	19.505	ug/l	99
64) Tetrachloroethene	9.32	164	55898	19.833	ug/l	97
65) Chlorobenzene	10.12	112	161154	19.247	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	59387	19.706	ug/l	100
67) Ethyl Benzene	10.23	91	285437	19.205	ug/l	99
68) m/p-Xylenes	10.34	106	214109	38.231	ug/l	100
69) o-Xylene	10.68	106	102630	19.050	ug/l	99
70) Styrene	10.70	104	173065	19.032	ug/l	100
71) Bromoform	10.84	173	44525	18.781	ug/l #	99
73) Isopropylbenzene	11.00	105	275256	19.900	ug/l	100
74) N-amyl acetate	10.88	43	104861	18.918	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	99152	20.332	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	91561m	20.164	ug/l	
77) Bromobenzene	11.24	156	69447	19.619	ug/l	99
78) n-propylbenzene	11.34	91	311207	19.699	ug/l	100
79) 2-Chlorotoluene	11.40	91	192362	19.773	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	230022	19.704	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	27251	17.349	ug/l	96
82) 4-Chlorotoluene	11.49	91	220839	19.382	ug/l	99
83) tert-Butylbenzene	11.76	119	226765	19.807	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	234066	19.905	ug/l	100
85) sec-Butylbenzene	11.93	105	260691	19.943	ug/l	99
86) p-Isopropyltoluene	12.05	119	232901	19.441	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	123140	18.954	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	124826	18.864	ug/l	99
89) n-Butylbenzene	12.37	91	197151	18.575	ug/l	99
90) Hexachloroethane	12.58	117	38692	18.708	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	123008	19.423	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20824	19.864	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	79270	19.228	ug/l	99
94) Hexachlorobutadiene	13.76	225	34205	18.563	ug/l	98
95) Naphthalene	13.82	128	270286	20.223	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	79946	19.843	ug/l	98

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

