

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019325.D
 Acq On : 05 Nov 2020 19:25
 Operator : JC/MD
 Sample : L4616-07MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:23:22 AM

Quant Time: Nov 06 02:52:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	247579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	429790	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	398262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205036	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	171037	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
35) Dibromofluoromethane	5.46	113	133996	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.70	98	496018	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	11.12	95	198378	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	104727	50.740	ug/l	99
3) Chloromethane	1.31	50	125981	54.635	ug/l	99
4) Vinyl Chloride	1.39	62	151800	56.766	ug/l	99
5) Bromomethane	1.62	94	79450	43.504	ug/l	98
6) Chloroethane	1.71	64	98939	57.947	ug/l	97
7) Trichlorofluoromethane	1.92	101	221210	52.654	ug/l	97
8) Diethyl Ether	2.17	74	93145	57.769	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	118383	50.838	ug/l	99
10) Methyl Iodide	2.49	142	120851	44.738	ug/l	100
11) Tert butyl alcohol	3.01	59	211254	334.989	ug/l	100
12) 1,1-Dichloroethene	2.36	96	129879	54.126	ug/l	97
13) Acrolein	2.27	56	99017	348.893	ug/l	98
14) Allyl chloride	2.71	41	205054	56.418	ug/l	98
15) Acrylonitrile	3.11	53	407552	307.544	ug/l	100
16) Acetone	2.42	43	345809	313.950	ug/l	99
17) Carbon Disulfide	2.55	76	339174	49.594	ug/l	100
18) Methyl Acetate	2.75	43	161525	60.305	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	483597	58.165	ug/l	99
20) Methylene Chloride	2.84	84	151863	54.918	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	145288	52.609	ug/l	97
22) Diisopropyl ether	3.82	45	436092	60.185	ug/l	99
23) Vinyl Acetate	3.78	43	1847569	285.934	ug/l	99
24) 1,1-Dichloroethane	3.67	63	260799	57.647	ug/l	99
25) 2-Butanone	4.63	43	545431	314.201	ug/l	99
26) 2,2-Dichloropropane	4.55	77	195729	46.021	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	170195	55.150	ug/l	100
28) Bromochloromethane	4.98	49	113661	55.264	ug/l	94
29) Tetrahydrofuran	5.09	42	353153	322.818	ug/l	97
30) Chloroform	5.18	83	273322	56.760	ug/l	99
31) Cyclohexane	5.55	56	211610	52.431	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	240658	55.123	ug/l	100
36) 1,1-Dichloropropene	5.77	75	201256	50.710	ug/l	99
37) Ethyl Acetate	4.79	43	202444	54.939	ug/l	99
38) Carbon Tetrachloride	5.76	117	200484	49.559	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	224196	47.244	ug/l	98
40) Benzene	6.11	78	605806	53.836	ug/l	99
41) Methacrylonitrile	5.00	41	113349	57.119	ug/l	99
42) 1,2-Dichloroethane	6.16	62	222347	53.614	ug/l	100
43) Isopropyl Acetate	6.41	43	339331	54.996	ug/l	99
44) Trichloroethene	7.19	130	158087	49.054	ug/l	98
45) 1,2-Dichloropropane	7.49	63	153563	55.716	ug/l	99
46) Dibromomethane	7.63	93	107056	52.527	ug/l	98
47) Bromodichloromethane	7.87	83	216029	53.776	ug/l	99
48) Methyl methacrylate	7.74	41	171958	57.903	ug/l	98
49) 1,4-Dioxane	7.71	88	86929	1316.235	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1071178	302.057	ug/l	99
52) Toluene	8.76	92	428913	59.181	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	238587	51.998	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	251182	52.059	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	156393	54.615	ug/l	99
56) Ethyl methacrylate	9.16	69	247403	57.199	ug/l	98
57) 1,3-Dichloropropane	9.35	76	263284	54.533	ug/l	100
59) 2-Hexanone	9.47	43	825366	305.752	ug/l	99
60) Dibromochloromethane	9.57	129	164970	53.084	ug/l	100
61) 1,2-Dibromoethane	9.65	107	165917	54.183	ug/l	98
64) Tetrachloroethene	9.32	164	131690	43.400	ug/l	96
65) Chlorobenzene	10.12	112	401449	49.317	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	146875	50.120	ug/l	98
67) Ethyl Benzene	10.23	91	767054	52.882	ug/l	100
68) m/p-Xylenes	10.34	106	604216	110.988	ug/l	97
69) o-Xylene	10.68	106	291111	56.378	ug/l	99
70) Stvrene	10.70	104	462012	52.440	ug/l	99
71) Bromoform	10.84	173	118931	51.187	ug/l #	100
73) Isopropylbenzene	11.00	105	707641	48.757	ug/l	99
74) N-amyl acetate	10.88	43	297688	56.098	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	254436	56.095	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	229105m	54.116	ug/l	
77) Bromobenzene	11.24	156	174028	48.313	ug/l	92
78) n-propylbenzene	11.34	91	844889	50.996	ug/l	99
79) 2-Chlorotoluene	11.40	91	504583	51.731	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	656836	53.571	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	79339	49.344	ug/l	98
82) 4-Chlorotoluene	11.49	91	592941	49.781	ug/l	98
83) tert-Butylbenzene	11.76	119	589255	50.193	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	846757	68.408	ug/l	99
85) sec-Butylbenzene	11.93	105	708851	50.343	ug/l	99
86) p-Isopropyltoluene	12.05	119	649472	49.974	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	320522	47.782	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	325954	46.680	ug/l	99
89) n-Butylbenzene	12.37	91	637905	52.219	ug/l	97
90) Hexachloroethane	12.58	117	116208	52.607	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	311601	48.376	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57620	51.892	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	204053	42.175	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	83603	39.254	ug/l	97
95) Naphthalene	13.82	128	819894	53.805	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	200942	42.812	ug/l	97

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

