

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121220\
 Data File : VX019929.D
 Acq On : 12 Dec 2020 14:05
 Operator : JC/MD
 Sample : VX1212WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/15/2020 4:49:31 PM

Quant Time: Dec 14 05:55:10 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	273218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	435651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	406104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199548	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	171313	47.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.42%
35) Dibromofluoromethane	5.46	113	137280	48.76	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.52%
50) Toluene-d8	8.70	98	525390	48.88	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.76%
62) 4-Bromofluorobenzene	11.12	95	200010	48.89	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.78%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	43684	17.464	ug/l 99
3) Chloromethane	1.31	50	49217	16.730	ug/l 100
4) Vinyl Chloride	1.39	62	56188	18.114	ug/l 100
5) Bromomethane	1.62	94	33535	32.560	ug/l 98
6) Chloroethane	1.71	64	36708	19.700	ug/l 98
7) Trichlorofluoromethane	1.92	101	80361	18.603	ug/l 95
8) Diethyl Ether	2.17	74	35051	19.147	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	49412	19.956	ug/l 99
10) Methyl Iodide	2.49	142	56061	15.360	ug/l 99
11) Tert butyl alcohol	3.01	59	72044	95.980	ug/l 100
12) 1,1-Dichloroethene	2.36	96	47798	19.094	ug/l 98
13) Acrolein	2.27	56	27661	69.787	ug/l 99
14) Allyl chloride	2.70	41	78686	18.612	ug/l 97
15) Acrylonitrile	3.11	53	164569	101.377	ug/l 99
16) Acetone	2.42	43	135279	100.227	ug/l 100
17) Carbon Disulfide	2.55	76	112147	15.613	ug/l 99
18) Methyl Acetate	2.75	43	69987	21.190	ug/l 100
19) Methyl tert-butyl Ether	3.16	73	182386	20.006	ug/l 99
20) Methylene Chloride	2.83	84	61674	19.137	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	53887	18.464	ug/l 99
22) Diisopropyl ether	3.82	45	174397	20.402	ug/l 96
23) Vinyl Acetate	3.78	43	732350	100.563	ug/l 100
24) 1,1-Dichloroethane	3.67	63	99395	19.282	ug/l 99
25) 2-Butanone	4.62	43	211649	102.049	ug/l 98
26) 2,2-Dichloropropane	4.54	77	80932	18.232	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	64072	18.760	ug/l 99
28) Bromochloromethane	4.97	49	47582	19.364	ug/l 96
29) Tetrahydrofuran	5.08	42	132389	99.075	ug/l 99
30) Chloroform	5.17	83	103753	19.575	ug/l 99
31) Cyclohexane	5.54	56	82360	18.438	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	86155	18.875	ug/l 99
36) 1,1-Dichloropropene	5.76	75	74140	18.833	ug/l 98
37) Ethyl Acetate	4.79	43	79796	20.076	ug/l 100
38) Carbon Tetrachloride	5.75	117	72044	18.688	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	86922	18.793	ug/l	99
40) Benzene	6.11	78	233840	19.445	ug/l	99
41) Methacrylonitrile	5.00	41	42877	19.647	ug/l	98
42) 1,2-Dichloroethane	6.16	62	83527	20.329	ug/l	100
43) Isopropyl Acetate	6.40	43	125400	19.405	ug/l	99
44) Trichloroethene	7.18	130	59894	18.983	ug/l	100
45) 1,2-Dichloropropane	7.48	63	60751	20.213	ug/l	96
46) Dibromomethane	7.63	93	39801	19.610	ug/l	99
47) Bromodichloromethane	7.87	83	78016	19.371	ug/l	97
48) Methyl methacrylate	7.74	41	62949	19.807	ug/l	98
49) 1,4-Dioxane	7.71	88	29757	386.508	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	407329	103.243	ug/l	100
52) Toluene	8.76	92	146764	19.513	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	84680	18.947	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	93058	19.166	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	61495	20.289	ug/l	99
56) Ethyl methacrylate	9.16	69	90380	19.709	ug/l	99
57) 1,3-Dichloropropane	9.35	76	104474	20.187	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	249233	102.594	ug/l	99
59) 2-Hexanone	9.47	43	307264	100.474	ug/l	100
60) Dibromochloromethane	9.56	129	60007	19.487	ug/l	100
61) 1,2-Dibromoethane	9.65	107	63803	19.824	ug/l	99
64) Tetrachloroethene	9.32	164	54795	20.120	ug/l	95
65) Chlorobenzene	10.12	112	156178	19.303	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	56373	19.358	ug/l	99
67) Ethyl Benzene	10.23	91	274434	19.109	ug/l	99
68) m/p-Xylenes	10.34	106	206993	38.250	ug/l	100
69) o-Xylene	10.68	106	99369	19.089	ug/l	99
70) Styrene	10.70	104	166205	18.916	ug/l	99
71) Bromoform	10.84	173	42173	18.409	ug/l #	98
73) Isopropylbenzene	11.00	105	267589	19.628	ug/l	99
74) N-amyl acetate	10.88	43	101790	18.631	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	96418	20.060	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	89457m	19.988	ug/l	
77) Bromobenzene	11.24	156	67581	19.371	ug/l	98
78) n-propylbenzene	11.34	91	304320	19.544	ug/l	99
79) 2-Chlorotoluene	11.40	91	186817	19.483	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	225659	19.613	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	27234	17.591	ug/l	93
82) 4-Chlorotoluene	11.49	91	219533	19.548	ug/l	98
83) tert-Butylbenzene	11.76	119	218182	19.335	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	230343	19.874	ug/l	99
85) sec-Butylbenzene	11.93	105	257440	19.982	ug/l	99
86) p-Isopropyltoluene	12.05	119	234047	19.822	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	120965	18.891	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	123005	18.860	ug/l	99
89) n-Butylbenzene	12.37	91	202563	19.363	ug/l	99
90) Hexachloroethane	12.58	117	37820	18.553	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	119916	19.211	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19867	19.227	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	77840	19.157	ug/l	98
94) Hexachlorobutadiene	13.76	225	36002	19.823	ug/l	96
95) Naphthalene	13.82	128	254586	19.326	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	77119	19.420	ug/l	98

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

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