

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019497.D
 Acq On : 20 Nov 2020 15:52
 Operator : JC/MD
 Sample : VX1121WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 3:50:49 PM

Quant Time: Nov 21 04:06:26 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	5.62	168	214365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	377214	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	346057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	164319	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	159874	57.52	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	115.04%
35) Dibromofluoromethane	5.46	113	119621	50.52	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.04%
50) Toluene-d8	8.70	98	444863	48.35	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.70%
62) 4-Bromofluorobenzene	11.12	95	165479	49.99	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.98%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	35820	17.183	ug/l	98
3) Chloromethane	1.31	50	47171	19.719	ug/l	99
4) Vinyl Chloride	1.39	62	45294	17.590	ug/l	98
5) Bromomethane	1.62	94	22148	22.708	ug/l	99
6) Chloroethane	1.68	64	13353	18.630	ug/l	98
7) Trichlorofluoromethane	1.90	101	63934	17.202	ug/l	98
8) Diethyl Ether	2.17	74	33447	22.471	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	36728	17.713	ug/l	97
10) Methyl Iodide	2.48	142	49152	18.044	ug/l	100
11) Tert butyl alcohol	3.04	59	84957m	161.513	ug/l	
12) 1,1-Dichloroethene	2.34	96	37568	17.653	ug/l	99
13) Acrolein	2.28	56	36305	102.679	ug/l	98
14) Allyl chloride	2.70	41	63763	19.125	ug/l	99
15) Acrylonitrile	3.12	53	148927	120.053	ug/l	99
16) Acetone	2.43	43	120514	112.121	ug/l	98
17) Carbon Disulfide	2.54	76	97716	17.091	ug/l	99
18) Methyl Acetate	2.75	43	62758	24.146	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	167370	22.783	ug/l	100
20) Methylene Chloride	2.83	84	55318	20.591	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	45512	18.875	ug/l	98
22) Diisopropyl ether	3.82	45	150043	21.755	ug/l	97
23) Vinyl Acetate	3.78	43	664009	114.779	ug/l	99
24) 1,1-Dichloroethane	3.66	63	85595	20.290	ug/l	99
25) 2-Butanone	4.64	43	192382	119.149	ug/l	97
26) 2,2-Dichloropropane	4.54	77	63981	17.376	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	57396	20.722	ug/l	99
28) Bromochloromethane	4.97	49	39212	19.442	ug/l	98
29) Tetrahydrofuran	5.09	42	122295	118.708	ug/l	99
30) Chloroform	5.17	83	91498	20.742	ug/l	97
31) Cyclohexane	5.54	56	61383	16.980	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	70065	18.491	ug/l	100
36) 1,1-Dichloropropene	5.76	75	58323	16.492	ug/l	99
37) Ethyl Acetate	4.79	43	74180	22.344	ug/l	99
38) Carbon Tetrachloride	5.74	117	56634	16.545	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	64560	15.679	ug/l	98
40) Benzene	6.10	78	202680	18.653	ug/l	97
41) Methacrylonitrile	5.01	41	38645	21.109	ug/l	95
42) 1,2-Dichloroethane	6.16	62	76737	20.605	ug/l	100
43) Isopropyl Acetate	6.41	43	118639	21.258	ug/l	99
44) Trichloroethene	7.18	130	49962	17.554	ug/l	94
45) 1,2-Dichloropropane	7.49	63	53668	20.064	ug/l	98
46) Dibromomethane	7.63	93	38185	20.857	ug/l	98
47) Bromodichloromethane	7.87	83	69646	19.605	ug/l	95
48) Methyl methacrylate	7.74	41	56924	21.780	ug/l	99
49) 1,4-Dioxane	7.72	88	28407	478.686	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	367862	113.037	ug/l	100
52) Toluene	8.76	92	124106	18.671	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	76912	20.046	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	84084	19.748	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	56238	20.774	ug/l	99
56) Ethyl methacrylate	9.16	69	81457	21.265	ug/l	100
57) 1,3-Dichloropropane	9.35	76	94722	20.900	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	227295	101.266	ug/l	100
59) 2-Hexanone	9.48	43	273719	110.900	ug/l	99
60) Dibromochloromethane	9.56	129	52071	19.638	ug/l	98
61) 1,2-Dibromoethane	9.65	107	58507	20.967	ug/l	98
64) Tetrachloroethene	9.32	164	46429	17.068	ug/l	97
65) Chlorobenzene	10.12	112	132259	18.589	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	49653	19.186	ug/l	98
67) Ethyl Benzene	10.23	91	223785	17.954	ug/l	100
68) m/p-Xylenes	10.34	106	168375	36.258	ug/l	100
69) o-Xylene	10.68	106	83073	18.714	ug/l	100
70) Styrene	10.70	104	139855	18.106	ug/l	100
71) Bromoform	10.84	173	36620	19.103	ug/l #	98
73) Isopropylbenzene	11.00	105	210452	18.514	ug/l	99
74) N-amyl acetate	10.88	43	91780	21.547	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	87357	21.490	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	80249m	22.378	ug/l	
77) Bromobenzene	11.24	156	56274	19.392	ug/l	99
78) n-propylbenzene	11.34	91	238026	18.253	ug/l	100
79) 2-Chlorotoluene	11.40	91	151184	19.117	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	178680	18.738	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	24433	21.078	ug/l	95
82) 4-Chlorotoluene	11.49	91	175670	18.869	ug/l	99
83) tert-Butylbenzene	11.76	119	171034	18.540	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	183836	19.054	ug/l	99
85) sec-Butylbenzene	11.93	105	199836	18.208	ug/l	99
86) p-Isopropyltoluene	12.05	119	182823	18.347	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	100089	18.781	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	104170	18.976	ug/l	99
89) n-Butylbenzene	12.37	91	156233	17.343	ug/l	100
90) Hexachloroethane	12.58	117	28463	17.070	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	100858	18.843	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17668	21.305	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	63141	18.374	ug/l	96
94) Hexachlorobutadiene	13.77	225	25614	16.362	ug/l	99
95) Naphthalene	13.82	128	221987	19.696	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	65504	19.057	ug/l	99

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

