

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113020\
 Data File : VX019672.D
 Acq On : 30 Nov 2020 12:03
 Operator : JC/MD
 Sample : VX1130WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/1/2020 9:35:55 AM

Quant Time: Dec 01 02:55:11 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	279197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	470300	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	415011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190932	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	179739	49.65	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.30%
35) Dibromofluoromethane	5.46	113	142850	48.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.78%
50) Toluene-d8	8.70	98	536000	46.72	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.44%
62) 4-Bromofluorobenzene	11.12	95	191894	46.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.98%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	48341	17.805	ug/l	99
3) Chloromethane	1.31	50	50814	16.310	ug/l	98
4) Vinyl Chloride	1.39	62	57857	17.251	ug/l	99
5) Bromomethane	1.62	94	20610	16.224	ug/l	100
6) Chloroethane	1.69	64	37528	45.555	ug/l	98
7) Trichlorofluoromethane	1.90	101	85272	17.616	ug/l	96
8) Diethyl Ether	2.17	74	36786	18.975	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	50343	18.642	ug/l	99
10) Methyl Iodide	2.48	142	64118	18.073	ug/l	99
11) Tert butyl alcohol	3.03	59	81965	119.641	ug/l	97
12) 1,1-Dichloroethene	2.35	96	48750	17.588	ug/l	99
13) Acrolein	2.28	56	31963	69.407	ug/l	96
14) Allyl chloride	2.70	41	80768	18.600	ug/l	99
15) Acrylonitrile	3.12	53	163918	101.454	ug/l	99
16) Acetone	2.42	43	142452	101.757	ug/l	100
17) Carbon Disulfide	2.54	76	122204	16.411	ug/l	99
18) Methyl Acetate	2.75	43	71018	21.062	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	195146	20.396	ug/l	99
20) Methylene Chloride	2.83	84	63356	18.107	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	57034	18.161	ug/l	96
22) Diisopropyl ether	3.82	45	175434	19.530	ug/l	96
23) Vinyl Acetate	3.78	43	758585	100.678	ug/l	100
24) 1,1-Dichloroethane	3.67	63	104398	19.001	ug/l	98
25) 2-Butanone	4.64	43	212225	100.917	ug/l	99
26) 2,2-Dichloropropane	4.54	77	88711	18.498	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	69011	19.130	ug/l	98
28) Bromochloromethane	4.97	49	46119	17.557	ug/l	100
29) Tetrahydrofuran	5.09	42	133900	99.792	ug/l	99
30) Chloroform	5.17	83	109810	19.113	ug/l	99
31) Cyclohexane	5.54	56	84846	18.021	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	94146	19.077	ug/l	99
36) 1,1-Dichloropropene	5.76	75	76502	17.351	ug/l	98
37) Ethyl Acetate	4.79	43	81538	19.699	ug/l	99
38) Carbon Tetrachloride	5.74	117	77982	18.273	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	90728	17.673	ug/l	98
40) Benzene	6.11	78	245890	18.151	ug/l	98
41) Methacrylonitrile	5.00	41	44148	19.342	ug/l	99
42) 1,2-Dichloroethane	6.15	62	86477	18.624	ug/l	99
43) Isopropyl Acetate	6.41	43	133154	19.137	ug/l	100
44) Trichloroethene	7.18	130	64008	18.038	ug/l	99
45) 1,2-Dichloropropane	7.49	63	61498	18.440	ug/l	99
46) Dibromomethane	7.63	93	42833	18.765	ug/l	99
47) Bromodichloromethane	7.87	83	83833	18.927	ug/l	98
48) Methyl methacrylate	7.74	41	63954	19.626	ug/l	99
49) 1,4-Dioxane	7.71	88	30276	409.201	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	396145	97.634	ug/l	99
52) Toluene	8.76	92	151553	18.287	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	91426	19.113	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	99523	18.748	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	63230	18.734	ug/l	96
56) Ethyl methacrylate	9.16	69	91998	19.263	ug/l	99
57) 1,3-Dichloropropane	9.35	76	107571	19.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	257282	91.939	ug/l	100
59) 2-Hexanone	9.47	43	298761	97.087	ug/l	100
60) Dibromochloromethane	9.56	129	62046	18.768	ug/l	100
61) 1,2-Dibromoethane	9.65	107	64830	18.635	ug/l	98
64) Tetrachloroethene	9.32	164	53896	16.521	ug/l	99
65) Chlorobenzene	10.12	112	154917	18.156	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	57731	18.601	ug/l	99
67) Ethyl Benzene	10.23	91	274372	18.355	ug/l	98
68) m/p-Xylenes	10.34	106	207192	37.204	ug/l	99
69) o-Xylene	10.68	106	100947	18.962	ug/l	98
70) Styrene	10.70	104	166842	18.019	ug/l	100
71) Bromoform	10.84	173	42771	18.698	ug/l #	99
73) Isopropylbenzene	11.00	105	262877	19.902	ug/l	100
74) N-amyl acetate	10.88	43	104191	21.051	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	93668	19.831	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	86882m	20.851	ug/l	
77) Bromobenzene	11.24	156	66936	19.851	ug/l	99
78) n-propylbenzene	11.34	91	296777	19.586	ug/l	100
79) 2-Chlorotoluene	11.40	91	180190	19.608	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	219394	19.801	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	29362	21.654	ug/l	99
82) 4-Chlorotoluene	11.49	91	208744	19.296	ug/l	100
83) tert-Butylbenzene	11.76	119	216246	20.173	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	219485	19.578	ug/l	99
85) sec-Butylbenzene	11.93	105	244266	19.154	ug/l	99
86) p-Isopropyltoluene	12.05	119	222581	19.224	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	117191	18.925	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	120430	18.881	ug/l	99
89) n-Butylbenzene	12.37	91	186277	17.796	ug/l	98
90) Hexachloroethane	12.58	117	37214	19.208	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	116970	18.807	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19203	19.928	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	76217	19.088	ug/l	96
94) Hexachlorobutadiene	13.77	225	30631	16.840	ug/l	98
95) Naphthalene	13.82	128	254459	19.459	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	76054	19.042	ug/l	98

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

