

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019514.D
 Acq On : 21 Nov 2020 00:03
 Operator : JC/MD
 Sample : VX1121WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 3:51:21 PM

Quant Time: Nov 21 05:08:50 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	254970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	427894	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	394125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	183513	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165957	50.20	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.40%
35) Dibromofluoromethane	5.46	113	133147	49.57	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.14%
50) Toluene-d8	8.70	98	516160	49.45	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.90%
62) 4-Bromofluorobenzene	11.12	95	184226	49.06	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.12%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	46246	18.652	ug/l 99
3) Chloromethane	1.31	50	53450	18.786	ug/l 98
4) Vinyl Chloride	1.39	62	58953	19.248	ug/l 100
5) Bromomethane	1.62	94	20278	17.479	ug/l 97
6) Chloroethane	1.68	64	15517	18.095	ug/l 99
7) Trichlorofluoromethane	1.90	101	81064	18.338	ug/l 97
8) Diethyl Ether	2.17	74	35001	19.770	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	44700	18.125	ug/l 99
10) Methyl Iodide	2.48	142	55798	17.222	ug/l 99
11) Tert butyl alcohol	3.04	59	77682m	124.163	ug/l
12) 1,1-Dichloroethene	2.34	96	46711	18.453	ug/l 98
13) Acrolein	2.28	56	36386	86.519	ug/l 99
14) Allyl chloride	2.70	41	70620	17.809	ug/l 99
15) Acrylonitrile	3.12	53	150437	101.958	ug/l 100
16) Acetone	2.43	43	122056	95.472	ug/l 98
17) Carbon Disulfide	2.54	76	117656	17.301	ug/l 98
18) Methyl Acetate	2.75	43	63019	20.484	ug/l 97
19) Methyl tert-butyl Ether	3.17	73	171168	19.590	ug/l 99
20) Methylene Chloride	2.83	84	58072	18.174	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	52892	18.442	ug/l 94
22) Diisopropyl ether	3.82	45	160134	19.520	ug/l 97
23) Vinyl Acetate	3.78	43	673452	97.872	ug/l 99
24) 1,1-Dichloroethane	3.67	63	94062	18.746	ug/l 99
25) 2-Butanone	4.64	43	192845	100.415	ug/l 100
26) 2,2-Dichloropropane	4.55	77	67090	15.318	ug/l 98
27) cis-1,2-Dichloroethene	4.56	96	62116	18.855	ug/l 98
28) Bromochloromethane	4.98	49	44996	18.757	ug/l 99
29) Tetrahydrofuran	5.09	42	122805	100.220	ug/l 99
30) Chloroform	5.17	83	100944	19.240	ug/l 98
31) Cyclohexane	5.54	56	78287	18.207	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	85849	19.048	ug/l 100
36) 1,1-Dichloropropene	5.76	75	71927	17.930	ug/l 99
37) Ethyl Acetate	4.80	43	75385	20.017	ug/l 99
38) Carbon Tetrachloride	5.75	117	70291	18.103	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	81193	17.383	ug/l	99
40) Benzene	6.11	78	226981	18.416	ug/l	99
41) Methacrylonitrile	5.01	41	40184	19.350	ug/l	98
42) 1,2-Dichloroethane	6.16	62	79556	18.832	ug/l	99
43) Isopropyl Acetate	6.42	43	120949	19.105	ug/l	100
44) Trichloroethene	7.18	130	58714	18.186	ug/l	95
45) 1,2-Dichloropropane	7.49	63	57202	18.852	ug/l	98
46) Dibromomethane	7.63	93	39911	19.218	ug/l	96
47) Bromodichloromethane	7.87	83	75782	18.805	ug/l	99
48) Methyl methacrylate	7.74	41	58160	19.617	ug/l	100
49) 1,4-Dioxane	7.72	88	28845	428.497	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	375627	101.752	ug/l	100
52) Toluene	8.76	92	143576	19.042	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	78409	18.016	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	86717	17.954	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	58967	19.203	ug/l	99
56) Ethyl methacrylate	9.16	69	84379	19.419	ug/l	99
57) 1,3-Dichloropropane	9.35	76	99679	19.388	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	236449	92.868	ug/l	99
59) 2-Hexanone	9.48	43	282427	100.875	ug/l	100
60) Dibromochloromethane	9.57	129	55805	18.553	ug/l	99
61) 1,2-Dibromoethane	9.65	107	60427	19.090	ug/l	98
64) Tetrachloroethene	9.32	164	53687	17.329	ug/l	98
65) Chlorobenzene	10.12	112	150039	18.516	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	54189	18.385	ug/l	99
67) Ethyl Benzene	10.23	91	265313	18.690	ug/l	99
68) m/p-Xylenes	10.34	106	198460	37.525	ug/l	100
69) o-Xylene	10.68	106	95310	18.852	ug/l	99
70) Styrene	10.70	104	158153	17.989	ug/l	99
71) Bromoform	10.84	173	38385	17.868	ug/l #	100
73) Isopropylbenzene	11.00	105	254603	20.055	ug/l	99
74) N-amyl acetate	10.88	43	97782	20.555	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	91565	20.169	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	81160m	20.265	ug/l	
77) Bromobenzene	11.24	156	63264	19.521	ug/l	99
78) n-propylbenzene	11.34	91	285696	19.617	ug/l	99
79) 2-Chlorotoluene	11.40	91	177277	20.071	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	213796	20.076	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	23963	19.026	ug/l	94
82) 4-Chlorotoluene	11.49	91	204957	19.712	ug/l	100
83) tert-Butylbenzene	11.76	119	206100	20.004	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	215723	20.020	ug/l	100
85) sec-Butylbenzene	11.93	105	241210	19.679	ug/l	99
86) p-Isopropyltoluene	12.05	119	216536	19.458	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	113276	19.032	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	114757	18.718	ug/l	98
89) n-Butylbenzene	12.37	91	186508	18.538	ug/l	99
90) Hexachloroethane	12.58	117	35404	19.012	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	113135	18.926	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18678	20.167	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	71348	18.591	ug/l	99
94) Hexachlorobutadiene	13.76	225	32053	18.334	ug/l	96
95) Naphthalene	13.82	128	240926	19.202	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	73559	19.162	ug/l	99

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

