

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019772.D
 Acq On : 09 Dec 2020 12:41
 Operator : JC/MD
 Sample : VX1209WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:31:49 AM

Quant Time: Dec 10 05:52:45 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	289556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	463393	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	428236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214398	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	179404	47.14	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.28%
35) Dibromofluoromethane	5.46	113	144910	48.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.78%
50) Toluene-d8	8.70	98	561000	49.07	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.14%
62) 4-Bromofluorobenzene	11.12	95	209245	48.08	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.16%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	48464	18.281	ug/l 99
3) Chloromethane	1.31	50	50308	16.136	ug/l 96
4) Vinyl Chloride	1.39	62	60149	18.297	ug/l 98
5) Bromomethane	1.62	94	33720	30.892	ug/l 99
6) Chloroethane	1.71	64	38879	19.688	ug/l 97
7) Trichlorofluoromethane	1.92	101	85997	18.784	ug/l 97
8) Diethyl Ether	2.17	74	36808	18.972	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50018	19.061	ug/l 99
10) Methyl Iodide	2.49	142	54699	14.142	ug/l 100
11) Tert butyl alcohol	3.01	59	82771	104.271	ug/l 98
12) 1,1-Dichloroethene	2.36	96	48571	18.308	ug/l 98
13) Acrolein	2.27	56	34760	82.749	ug/l 100
14) Allyl chloride	2.70	41	81542	18.199	ug/l 99
15) Acrylonitrile	3.11	53	166165	96.584	ug/l 100
16) Acetone	2.42	43	140527	98.241	ug/l 99
17) Carbon Disulfide	2.55	76	128884	16.931	ug/l 99
18) Methyl Acetate	2.75	43	70229	20.063	ug/l 99
19) Methyl tert-butyl Ether	3.16	73	191221	19.792	ug/l 99
20) Methylene Chloride	2.83	84	63067	18.414	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	57492	18.588	ug/l 99
22) Diisopropyl ether	3.82	45	175869	19.413	ug/l 96
23) Vinyl Acetate	3.78	43	756903	98.070	ug/l 100
24) 1,1-Dichloroethane	3.67	63	103094	18.872	ug/l 99
25) 2-Butanone	4.62	43	213370	97.074	ug/l 99
26) 2,2-Dichloropropane	4.54	77	86754	18.441	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	67832	18.740	ug/l 99
28) Bromochloromethane	4.97	49	46258	17.763	ug/l 99
29) Tetrahydrofuran	5.08	42	135196	95.467	ug/l 99
30) Chloroform	5.17	83	107561	19.149	ug/l 99
31) Cyclohexane	5.54	56	88610	18.718	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	92068	19.033	ug/l 100
36) 1,1-Dichloropropene	5.76	75	78229	18.682	ug/l 100
37) Ethyl Acetate	4.79	43	82338	19.475	ug/l 99
38) Carbon Tetrachloride	5.75	117	78230	19.078	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	92775	18.858	ug/l	95
40) Benzene	6.10	78	244245	19.095	ug/l	100
41) Methacrylonitrile	5.00	41	44019	18.963	ug/l	97
42) 1,2-Dichloroethane	6.15	62	85283	19.514	ug/l	100
43) Isopropyl Acetate	6.40	43	131380	19.114	ug/l	99
44) Trichloroethene	7.18	130	63424	18.898	ug/l	100
45) 1,2-Dichloropropane	7.48	63	62399	19.519	ug/l	99
46) Dibromomethane	7.63	93	42342	19.613	ug/l	99
47) Bromodichloromethane	7.87	83	82411	19.237	ug/l	98
48) Methyl methacrylate	7.74	41	64417	19.055	ug/l	100
49) 1,4-Dioxane	7.71	88	32286	394.251	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	413200	98.461	ug/l	100
52) Toluene	8.76	92	153532	19.191	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	89965	18.925	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	98309	19.035	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	64216	19.918	ug/l	98
56) Ethyl methacrylate	9.15	69	94277	19.328	ug/l	100
57) 1,3-Dichloropropane	9.35	76	106970	19.432	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	257645	99.707	ug/l	100
59) 2-Hexanone	9.47	43	314767	96.765	ug/l	100
60) Dibromochloromethane	9.56	129	63621	19.423	ug/l	99
61) 1,2-Dibromoethane	9.65	107	66609	19.457	ug/l	99
64) Tetrachloroethene	9.32	164	56532	19.685	ug/l	96
65) Chlorobenzene	10.12	112	164152	19.240	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	59644	19.423	ug/l	99
67) Ethyl Benzene	10.23	91	291121	19.223	ug/l	100
68) m/p-Xylenes	10.34	106	222723	39.030	ug/l	99
69) o-Xylene	10.68	106	105917	19.295	ug/l	100
70) Styrene	10.70	104	176775	19.079	ug/l	99
71) Bromoform	10.84	173	45900	19.001	ug/l	98
73) Isopropylbenzene	11.00	105	284029	19.391	ug/l	100
74) N-amyl acetate	10.88	43	108021	18.402	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	101394	19.634	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	94078m	19.565	ug/l	
77) Bromobenzene	11.24	156	71735	19.137	ug/l	99
78) n-propylbenzene	11.34	91	323433	19.333	ug/l	99
79) 2-Chlorotoluene	11.40	91	198710	19.288	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	239151	19.345	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	30435	18.297	ug/l	95
82) 4-Chlorotoluene	11.49	91	229735	19.040	ug/l	99
83) tert-Butylbenzene	11.75	119	235384	19.414	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	246072	19.761	ug/l	99
85) sec-Butylbenzene	11.93	105	272132	19.659	ug/l	100
86) p-Isopropyltoluene	12.05	119	247553	19.513	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	130881	19.024	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	130993	18.694	ug/l	99
89) n-Butylbenzene	12.37	91	210375	18.717	ug/l	100
90) Hexachloroethane	12.58	117	41098	18.764	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	128995	19.234	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20484	18.451	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	80274	18.387	ug/l	97
94) Hexachlorobutadiene	13.76	225	36664	18.790	ug/l	99
95) Naphthalene	13.82	128	269185	19.019	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	80402	18.845	ug/l	99

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

