

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019771.D
 Acq On : 09 Dec 2020 12:13
 Operator : JC/MD
 Sample : VX1209WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:31:45 AM

Quant Time: Dec 10 05:51:17 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	5.63	168	302004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	481416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	439805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214695	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	180825	45.56	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.12%
35) Dibromofluoromethane	5.46	113	146806	47.18	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.36%
50) Toluene-d8	8.69	98	575939	48.49	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.98%
62) 4-Bromofluorobenzene	11.12	95	216162	47.81	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.62%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	51562	18.648	ug/l 98
3) Chloromethane	1.31	50	53383	16.417	ug/l 100
4) Vinyl Chloride	1.39	62	63053	18.390	ug/l 100
5) Bromomethane	1.62	94	34921	30.674	ug/l 100
6) Chloroethane	1.71	64	39330	19.095	ug/l 94
7) Trichlorofluoromethane	1.92	101	88897	18.617	ug/l 99
8) Diethyl Ether	2.17	74	36684	18.129	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	51365	18.767	ug/l 99
10) Methyl Iodide	2.49	142	53140	13.172	ug/l 99
11) Tert butyl alcohol	3.01	59	78553	94.641	ug/l 98
12) 1,1-Dichloroethene	2.36	96	51309	18.543	ug/l 98
13) Acrolein	2.27	56	34242	78.156	ug/l 98
14) Allyl chloride	2.70	41	84099	17.996	ug/l 99
15) Acrylonitrile	3.11	53	165297	92.119	ug/l 100
16) Acetone	2.42	43	144119	96.599	ug/l 100
17) Carbon Disulfide	2.55	76	135665	17.087	ug/l 100
18) Methyl Acetate	2.75	43	68607	18.792	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	190833	18.938	ug/l 99
20) Methylene Chloride	2.83	84	65634	18.370	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	59920	18.574	ug/l 99
22) Diisopropyl ether	3.82	45	180303	19.083	ug/l 98
23) Vinyl Acetate	3.78	43	757543	94.107	ug/l 100
24) 1,1-Dichloroethane	3.67	63	107342	18.839	ug/l 100
25) 2-Butanone	4.63	43	213412	93.091	ug/l 100
26) 2,2-Dichloropropane	4.54	77	91011	18.548	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	69390	18.381	ug/l 100
28) Bromochloromethane	4.98	49	47778	17.590	ug/l 99
29) Tetrahydrofuran	5.08	42	132304	89.574	ug/l 100
30) Chloroform	5.17	83	110052	18.785	ug/l 100
31) Cyclohexane	5.54	56	90764	18.383	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	95127	18.855	ug/l 100
36) 1,1-Dichloropropene	5.76	75	81647	18.768	ug/l 100
37) Ethyl Acetate	4.79	43	80577	18.345	ug/l 100
38) Carbon Tetrachloride	5.74	117	79892	18.754	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	96875	18.954	ug/l	98
40) Benzene	6.10	78	250827	18.875	ug/l	100
41) Methacrylonitrile	5.00	41	44705	18.538	ug/l	99
42) 1,2-Dichloroethane	6.15	62	86712	19.098	ug/l	100
43) Isopropyl Acetate	6.40	43	129851	18.184	ug/l	99
44) Trichloroethene	7.18	130	65352	18.744	ug/l	100
45) 1,2-Dichloropropane	7.48	63	62957	18.956	ug/l	95
46) Dibromomethane	7.63	93	43447	19.371	ug/l	97
47) Bromodichloromethane	7.87	83	85242	19.153	ug/l	98
48) Methyl methacrylate	7.74	41	64613	18.398	ug/l	98
49) 1,4-Dioxane	7.71	88	30900	363.200	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	407212	93.402	ug/l	100
52) Toluene	8.76	92	159415	19.181	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	91264	18.479	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	101311	18.882	ug/l	99
55) 1,1,2-Trichloroethane	9.19	97	63375	18.922	ug/l	99
56) Ethyl methacrylate	9.15	69	93206	18.393	ug/l	100
57) 1,3-Dichloropropane	9.35	76	108387	18.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	255267	95.089	ug/l	99
59) 2-Hexanone	9.47	43	313320	92.714	ug/l	99
60) Dibromochloromethane	9.56	129	64598	18.983	ug/l	99
61) 1,2-Dibromoethane	9.65	107	66487	18.694	ug/l	100
64) Tetrachloroethene	9.32	164	57079	19.353	ug/l	98
65) Chlorobenzene	10.12	112	169546	19.350	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	61108	19.376	ug/l	99
67) Ethyl Benzene	10.23	91	296697	19.076	ug/l	100
68) m/p-Xylenes	10.34	106	226084	38.576	ug/l	100
69) o-Xylene	10.68	106	108678	19.277	ug/l	98
70) Styrene	10.70	104	180077	18.924	ug/l	100
71) Bromoform	10.84	173	46442	18.719	ug/l	100
73) Isopropylbenzene	11.00	105	291657	19.884	ug/l	100
74) N-amyl acetate	10.88	43	106575	18.131	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	101316	19.592	ug/l	100
76) 1,2,3-Trichloropropane	11.27	75	93982m	19.518	ug/l	
77) Bromobenzene	11.24	156	74251	19.781	ug/l	96
78) n-propylbenzene	11.34	91	334269	19.953	ug/l	100
79) 2-Chlorotoluene	11.40	91	201402	19.522	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	247396	19.985	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	30020	18.022	ug/l	96
82) 4-Chlorotoluene	11.49	91	235205	19.466	ug/l	100
83) tert-Butylbenzene	11.76	119	240777	19.832	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	246609	19.776	ug/l	99
85) sec-Butylbenzene	11.93	105	274782	19.823	ug/l	100
86) p-Isopropyltoluene	12.05	119	253989	19.993	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	131019	19.017	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	136027	19.385	ug/l	99
89) n-Butylbenzene	12.37	91	217175	19.295	ug/l	100
90) Hexachloroethane	12.58	117	42052	19.173	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	131559	19.589	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21043	18.929	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	83382	19.073	ug/l	99
94) Hexachlorobutadiene	13.76	225	37649	19.268	ug/l	99
95) Naphthalene	13.82	128	272510	19.227	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	83438	19.529	ug/l	99

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

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