

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019813.D
 Acq On : 10 Dec 2020 10:28
 Operator : JC/MD
 Sample : VX1210WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:45:52 PM

Quant Time: Dec 11 01:05:28 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	292185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	472364	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	434972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211284	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	175522	45.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.42%
35) Dibromofluoromethane	5.46	113	141823	46.46	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.92%
50) Toluene-d8	8.70	98	552668	47.42	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.84%
62) 4-Bromofluorobenzene	11.12	95	206932	46.65	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.30%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	50000	18.691	ug/l 97
3) Chloromethane	1.31	50	53325	16.950	ug/l 99
4) Vinyl Chloride	1.39	62	62276	18.774	ug/l 99
5) Bromomethane	1.62	94	38011	34.510	ug/l 97
6) Chloroethane	1.71	64	39220	19.682	ug/l 96
7) Trichlorofluoromethane	1.92	101	88948	19.254	ug/l 98
8) Diethyl Ether	2.17	74	35671	18.221	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	51397	19.410	ug/l 99
10) Methyl Iodide	2.49	142	57878	14.829	ug/l 99
11) Tert butyl alcohol	3.01	59	71274	88.593	ug/l 100
12) 1,1-Dichloroethene	2.36	96	49662	18.551	ug/l 98
13) Acrolein	2.27	56	32357	76.335	ug/l 99
14) Allyl chloride	2.70	41	82480	18.243	ug/l 100
15) Acrylonitrile	3.11	53	160202	92.280	ug/l 99
16) Acetone	2.42	43	136700	94.705	ug/l 98
17) Carbon Disulfide	2.55	76	130286	16.961	ug/l 98
18) Methyl Acetate	2.75	43	67911	19.226	ug/l 99
19) Methyl tert-butyl Ether	3.16	73	184842	18.959	ug/l 100
20) Methylene Chloride	2.83	84	64109	18.560	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	58331	18.690	ug/l 98
22) Diisopropyl ether	3.82	45	176561	19.314	ug/l 98
23) Vinyl Acetate	3.78	43	732110	94.004	ug/l 100
24) 1,1-Dichloroethane	3.67	63	105639	19.163	ug/l 99
25) 2-Butanone	4.62	43	205019	92.436	ug/l 99
26) 2,2-Dichloropropane	4.55	77	88569	18.657	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	68079	18.639	ug/l 99
28) Bromochloromethane	4.98	49	46599	17.733	ug/l 100
29) Tetrahydrofuran	5.08	42	127731	89.384	ug/l 99
30) Chloroform	5.17	83	109097	19.247	ug/l 98
31) Cyclohexane	5.54	56	89588	18.755	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	93189	19.091	ug/l 100
36) 1,1-Dichloropropene	5.76	75	80510	18.862	ug/l 99
37) Ethyl Acetate	4.79	43	78328	18.175	ug/l 99
38) Carbon Tetrachloride	5.75	117	78970	18.893	ug/l 100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	94015	18.747	ug/l	99
40) Benzene	6.10	78	247589	18.989	ug/l	99
41) Methacrylonitrile	4.99	41	43863	18.537	ug/l	99
42) 1,2-Dichloroethane	6.15	62	85395	19.169	ug/l	99
43) Isopropyl Acetate	6.40	43	126122	18.000	ug/l	100
44) Trichloroethene	7.18	130	63997	18.707	ug/l	97
45) 1,2-Dichloropropane	7.48	63	61900	18.995	ug/l	96
46) Dibromomethane	7.63	93	41695	18.946	ug/l	100
47) Bromodichloromethane	7.87	83	82110	18.803	ug/l	99
48) Methyl methacrylate	7.74	41	61807	17.936	ug/l	99
49) 1,4-Dioxane	7.71	88	29330	351.352	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	396880	92.776	ug/l	100
52) Toluene	8.76	92	151869	18.623	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	87755	18.109	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	97351	18.492	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	62806	19.111	ug/l	98
56) Ethyl methacrylate	9.15	69	91226	18.347	ug/l	100
57) 1,3-Dichloropropane	9.35	76	105621	18.822	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	247424	93.933	ug/l	99
59) 2-Hexanone	9.47	43	300475	90.617	ug/l	99
60) Dibromochloromethane	9.56	129	62653	18.765	ug/l	100
61) 1,2-Dibromoethane	9.65	107	65340	18.724	ug/l	98
64) Tetrachloroethene	9.32	164	58823	20.166	ug/l	97
65) Chlorobenzene	10.12	112	161440	18.629	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	60284	19.327	ug/l	98
67) Ethyl Benzene	10.23	91	288316	18.743	ug/l	99
68) m/p-Xylenes	10.34	106	220376	38.020	ug/l	100
69) o-Xylene	10.68	106	104704	18.779	ug/l	99
70) Styrene	10.70	104	177368	18.847	ug/l	99
71) Bromoform	10.84	173	43763	17.835	ug/l	100
73) Isopropylbenzene	11.00	105	286345	19.837	ug/l	99
74) N-amyl acetate	10.88	43	101389	17.527	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	97409	19.141	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	90117m	19.017	ug/l	
77) Bromobenzene	11.24	156	71281	19.296	ug/l	97
78) n-propylbenzene	11.34	91	325301	19.731	ug/l	100
79) 2-Chlorotoluene	11.40	91	197751	19.477	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	238755	19.598	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	28773	17.553	ug/l	96
82) 4-Chlorotoluene	11.49	91	228038	19.178	ug/l	99
83) tert-Butylbenzene	11.76	119	232183	19.433	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	241994	19.720	ug/l	99
85) sec-Butylbenzene	11.93	105	268882	19.711	ug/l	99
86) p-Isopropyltoluene	12.05	119	248119	19.846	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	129820	19.148	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	129648	18.775	ug/l	99
89) n-Butylbenzene	12.37	91	212098	19.149	ug/l	99
90) Hexachloroethane	12.58	117	39689	18.388	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	127057	19.224	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20303	18.558	ug/l	94

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QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	82516	19.179	ug/l	99
94) Hexachlorobutadiene	13.76	225	37187	19.339	ug/l	97
95) Naphthalene	13.82	128	261455	18.745	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	82921	19.721	ug/l	99

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

