

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050120\
 Data File : VX016006.D
 Acq On : 01 May 2020 12:55
 Operator : JC/SP
 Sample : VX0501WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VX0501WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 2:19:51 PM

Quant Time: May 02 07:23:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	288905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	457977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	423375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211023	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	187579	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
35) Dibromofluoromethane	5.46	113	138667	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	8.70	98	534606	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.12	95	207332	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	50057	19.362	ug/l	99
3) Chloromethane	1.31	50	57435	18.331	ug/l	97
4) Vinyl Chloride	1.39	62	67347	18.927	ug/l	99
5) Bromomethane	1.63	94	47718	19.976	ug/l	95
6) Chloroethane	1.71	64	43192	18.249	ug/l	100
7) Trichlorofluoromethane	1.92	101	94807	17.628	ug/l	96
8) Diethyl Ether	2.17	74	39279	17.494	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	52350	19.527	ug/l	99
10) Methyl Iodide	2.49	142	64794	17.326	ug/l	99
11) Tert butyl alcohol	3.01	59	84570	92.233	ug/l	99
12) 1,1-Dichloroethene	2.36	96	51955	18.796	ug/l	95
13) Acrolein	2.27	56	20851	90.487	ug/l	100
14) Allyl chloride	2.70	41	95910	19.243	ug/l	99
15) Acrylonitrile	3.11	53	169495	93.228	ug/l	100
16) Acetone	2.42	43	150731	93.317	ug/l	98
17) Carbon Disulfide	2.55	76	149632	18.394	ug/l	100
18) Methyl Acetate	2.75	43	86393	18.848	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	190099	19.015	ug/l	99
20) Methylene Chloride	2.83	84	58466	18.285	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	55798	17.912	ug/l	97
22) Diisopropyl ether	3.82	45	186351	19.017	ug/l	92
23) Vinyl Acetate	3.78	43	800433	94.033	ug/l	100
24) 1,1-Dichloroethane	3.67	63	104725	19.185	ug/l	100
25) 2-Butanone	4.63	43	241221	92.157	ug/l	97
26) 2,2-Dichloropropane	4.54	77	95303	19.095	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	64853	18.345	ug/l	99
28) Bromochloromethane	4.98	49	48425	18.332	ug/l	96
29) Tetrahydrofuran	5.09	42	157779	91.978	ug/l	99
30) Chloroform	5.18	83	104692	18.444	ug/l	98
31) Cyclohexane	5.54	56	94393	19.424	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	95847	18.339	ug/l	99
36) 1,1-Dichloropropene	5.77	75	78915	18.092	ug/l	100
37) Ethyl Acetate	4.79	43	93809	18.755	ug/l	99
38) Carbon Tetrachloride	5.75	117	84879	18.423	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	96195	19.065	ug/l	99
40) Benzene	6.11	78	231477	18.599	ug/l	100
41) Methacrylonitrile	5.00	41	51065	19.073	ug/l	97
42) 1,2-Dichloroethane	6.16	62	89171	18.491	ug/l	100
43) Isopropyl Acetate	6.41	43	153093	18.484	ug/l	99
44) Trichloroethene	7.19	130	87600	19.527	ug/l	98
45) 1,2-Dichloropropane	7.49	63	60531	18.819	ug/l	99
46) Dibromomethane	7.64	93	41074	17.971	ug/l	99
47) Bromodichloromethane	7.88	83	84106	18.518	ug/l	100
48) Methyl methacrylate	7.74	41	69912	18.282	ug/l	100
49) 1,4-Dioxane	7.71	88	33085	367.767	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	469374	93.427	ug/l	100
52) Toluene	8.76	92	147855	18.715	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	97175	18.032	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	99275	17.911	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	58953	18.673	ug/l	98
56) Ethyl methacrylate	9.16	69	93076	18.131	ug/l	99
57) 1,3-Dichloropropane	9.35	76	101722	18.752	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	249330	93.985	ug/l	100
59) 2-Hexanone	9.47	43	361625	92.105	ug/l	100
60) Dibromochloromethane	9.57	129	63289	17.910	ug/l	99
61) 1,2-Dibromoethane	9.65	107	63267	18.480	ug/l	99
64) Tetrachloroethene	9.32	164	93982	18.712	ug/l	98
65) Chlorobenzene	10.12	112	158206	18.347	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	59304	18.196	ug/l	99
67) Ethyl Benzene	10.24	91	283276	18.447	ug/l	99
68) m/p-Xylenes	10.34	106	213466	36.634	ug/l	98
69) o-Xylene	10.68	106	102468	18.521	ug/l	98
70) Styrene	10.70	104	171061	18.020	ug/l	99
71) Bromoform	10.84	173	46978	17.652	ug/l #	99
73) Isopropylbenzene	11.00	105	276106	19.234	ug/l	100
74) N-amyl acetate	10.88	43	128165	18.512	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	42289	15.452	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	86299m	19.489	ug/l	
77) Bromobenzene	11.24	156	69764	18.880	ug/l	99
78) n-propylbenzene	11.34	91	319046	19.320	ug/l	100
79) 2-Chlorotoluene	11.40	91	186741	18.979	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	234712	19.409	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	34412	18.365	ug/l	99
82) 4-Chlorotoluene	11.49	91	223789	19.017	ug/l	100
83) tert-Butylbenzene	11.76	119	197757	18.966	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	234958	19.306	ug/l	99
85) sec-Butylbenzene	11.93	105	268827	19.136	ug/l	100
86) p-Isopropyltoluene	12.05	119	252870	19.218	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	125782	18.666	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	126111	18.518	ug/l	97
89) n-Butylbenzene	12.37	91	225693	18.983	ug/l	99
90) Hexachloroethane	12.58	117	43201	18.582	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	119648	18.568	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20604	17.385	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	91175	18.852	ug/l	98
94) Hexachlorobutadiene	13.77	225	39377	18.223	ug/l	99
95) Naphthalene	13.82	128	285423	18.711	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	87757	18.844	ug/l	96

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

