

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051420\
 Data File : VX016243.D
 Acq On : 14 May 2020 19:47
 Operator : JC/SP
 Sample : L2643-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MS

Manual Integrations
 APPROVED

MMDadoda
 5/15/2020 12:29:17 PM

Quant Time: May 15 04:23:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	244501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	398382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	374104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195810	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	149369	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
35) Dibromofluoromethane	5.47	113	119227	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
50) Toluene-d8	8.70	98	467482	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
62) 4-Bromofluorobenzene	11.12	95	184842	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	130583	50.458	ug/l	100
3) Chloromethane	1.31	50	138264	46.004	ug/l	99
4) Vinyl Chloride	1.39	62	150350	46.888	ug/l	100
5) Bromomethane	1.62	94	68124	42.141	ug/l	98
6) Chloroethane	1.70	64	91140	46.714	ug/l	99
7) Trichlorofluoromethane	1.91	101	196517	46.682	ug/l	99
8) Diethyl Ether	2.17	74	82760	46.658	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	111952	46.094	ug/l	98
10) Methyl Iodide	2.49	142	124089	38.036	ug/l	100
11) Tert butyl alcohol	3.03	59	191648	235.557	ug/l	100
12) 1,1-Dichloroethene	2.36	96	115912	45.606	ug/l	98
13) Acrolein	2.27	56	128667	252.725	ug/l	99
14) Allyl chloride	2.70	41	211269	45.335	ug/l	95
15) Acrylonitrile	3.12	53	412950	244.667	ug/l	99
16) Acetone	2.42	43	328186	228.611	ug/l	96
17) Carbon Disulfide	2.55	76	332155	43.491	ug/l	99
18) Methyl Acetate	2.75	43	169241	47.947	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	440690	50.297	ug/l	98
20) Methylene Chloride	2.83	84	137013	46.298	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	131640	46.478	ug/l	98
22) Diisopropyl ether	3.82	45	419958	47.768	ug/l	96
23) Vinyl Acetate	3.78	43	1768625	228.658	ug/l	99
24) 1,1-Dichloroethane	3.67	63	238329	48.460	ug/l	99
25) 2-Butanone	4.64	43	564065	243.838	ug/l	99
26) 2,2-Dichloropropane	4.55	77	191663	42.673	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	169815	54.843	ug/l	95
28) Bromochloromethane	4.98	49	103459	46.134	ug/l	97
29) Tetrahydrofuran	5.09	42	368839	240.634	ug/l	97
30) Chloroform	5.18	83	243573	49.742	ug/l	98
31) Cyclohexane	5.55	56	205391	45.953	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	218332	49.052	ug/l	99
36) 1,1-Dichloropropene	5.77	75	181803	46.360	ug/l	99
37) Ethyl Acetate	4.79	43	205981	45.319	ug/l	99
38) Carbon Tetrachloride	5.76	117	190273	47.736	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	207666	43.973	ug/l	100
40) Benzene	6.12	78	552659	48.166	ug/l	100
41) Methacrylonitrile	5.01	41	118019	48.081	ug/l	97
42) 1,2-Dichloroethane	6.17	62	194016	46.939	ug/l	99
43) Isopropyl Acetate	6.42	43	333151	45.940	ug/l	98
44) Trichloroethene	7.19	130	190869	46.824	ug/l	99
45) 1,2-Dichloropropane	7.49	63	143662	49.482	ug/l	98
46) Dibromomethane	7.64	93	96050	48.681	ug/l	99
47) Bromodichloromethane	7.88	83	197684	49.195	ug/l	99
48) Methyl methacrylate	7.75	41	162213	47.206	ug/l	95
49) 1,4-Dioxane	7.72	88	78799	956.134	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1091360	245.926	ug/l	97
52) Toluene	8.77	92	352201	49.245	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	229646	47.931	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	239276	47.813	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	141830	50.404	ug/l	99
56) Ethyl methacrylate	9.16	69	233356	50.806	ug/l	94
57) 1,3-Dichloropropane	9.35	76	246472	50.199	ug/l	100
59) 2-Hexanone	9.48	43	845838	242.703	ug/l	97
60) Dibromochloromethane	9.57	129	161268	52.038	ug/l	99
61) 1,2-Dibromoethane	9.65	107	151624	49.747	ug/l	99
64) Tetrachloroethene	9.32	164	200547	43.667	ug/l	98
65) Chlorobenzene	10.12	112	376487	48.062	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	143063	49.413	ug/l	99
67) Ethyl Benzene	10.24	91	674224	48.239	ug/l	100
68) m/p-Xylenes	10.34	106	509236	97.247	ug/l	98
69) o-Xylene	10.68	106	250379	49.742	ug/l	98
70) Styrene	10.70	104	424523	49.713	ug/l	100
71) Bromoform	10.84	173	127106	53.885	ug/l #	100
73) Isopropylbenzene	11.00	105	655933	46.056	ug/l	100
74) N-amyl acetate	10.88	43	287239	43.239	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	176626	61.366	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	209571m	47.165	ug/l	
77) Bromobenzene	11.24	156	171576	46.673	ug/l	99
78) n-propylbenzene	11.34	91	761734	45.975	ug/l	100
79) 2-Chlorotoluene	11.41	91	452793	46.298	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	560549	46.615	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	86208	46.235	ug/l	97
82) 4-Chlorotoluene	11.49	91	541363	46.876	ug/l	100
83) tert-Butylbenzene	11.76	119	489134	47.200	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	572581	47.098	ug/l	100
85) sec-Butylbenzene	11.93	105	630342	45.050	ug/l	100
86) p-Isopropyltoluene	12.05	119	596042	45.881	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	304091	46.070	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	310922	46.410	ug/l	100
89) n-Butylbenzene	12.37	91	513251	43.247	ug/l	100
90) Hexachloroethane	12.58	117	104896	47.016	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	298918	47.031	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54959	46.930	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	210764	44.791	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	79138	39.172	ug/l	97
95) Naphthalene	13.82	128	715974	46.991	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	206942	44.999	ug/l	100

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

