

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016191.D
 Acq On : 13 May 2020 19:37
 Operator : JC/SP
 Sample : L2597-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-200511MS

Manual Integrations
 APPROVED

MMDadoda
 5/14/2020 12:15:57 PM

Quant Time: May 14 07:19:18 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	258302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	426546	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	405109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206321	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	163344	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
35) Dibromofluoromethane	5.47	113	128514	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
50) Toluene-d8	8.70	98	499795	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	11.12	95	195509	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	134139	49.062	ug/l	99
3) Chloromethane	1.31	50	146785	46.229	ug/l	99
4) Vinyl Chloride	1.39	62	161460	47.663	ug/l	100
5) Bromomethane	1.62	94	65986	38.637	ug/l	99
6) Chloroethane	1.70	64	98413	47.746	ug/l	99
7) Trichlorofluoromethane	1.91	101	209457	47.097	ug/l	99
8) Diethyl Ether	2.17	74	88652	47.310	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	119026	46.388	ug/l	100
10) Methyl Iodide	2.49	142	100014	29.019	ug/l	100
11) Tert butyl alcohol	3.02	59	202118	235.153	ug/l	100
12) 1,1-Dichloroethene	2.36	96	126441	47.090	ug/l	98
13) Acrolein	2.27	56	105373	195.913	ug/l	100
14) Allyl chloride	2.71	41	231590	47.040	ug/l	96
15) Acrylonitrile	3.12	53	442202	248.000	ug/l	99
16) Acetone	2.42	43	353847	233.316	ug/l	99
17) Carbon Disulfide	2.55	76	365105	45.260	ug/l	99
18) Methyl Acetate	2.75	43	176723	47.392	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	473137	51.116	ug/l	99
20) Methylene Chloride	2.83	84	151336	48.405	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	142386	47.586	ug/l	99
22) Diisopropyl ether	3.82	45	462174	49.761	ug/l	95
23) Vinyl Acetate	3.79	43	1857597	227.329	ug/l	98
24) 1,1-Dichloroethane	3.67	63	263181	50.654	ug/l	99
25) 2-Butanone	4.64	43	605563	247.790	ug/l	100
26) 2,2-Dichloropropane	4.55	77	197363	41.595	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	180484	55.174	ug/l	95
28) Bromochloromethane	4.98	49	122232	51.593	ug/l	98
29) Tetrahydrofuran	5.09	42	397098	245.228	ug/l	99
30) Chloroform	5.18	83	265750	51.371	ug/l	98
31) Cyclohexane	5.55	56	221574	46.925	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	236353	50.263	ug/l	99
36) 1,1-Dichloropropene	5.77	75	197068	46.935	ug/l	99
37) Ethyl Acetate	4.79	43	213441	43.860	ug/l	99
38) Carbon Tetrachloride	5.76	117	209367	49.058	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	208733	41.281	ug/l	100
40) Benzene	6.12	78	603621	49.134	ug/l	100
41) Methacrylonitrile	5.00	41	125506	47.755	ug/l	99
42) 1,2-Dichloroethane	6.17	62	210755	47.622	ug/l	99
43) Isopropyl Acetate	6.42	43	354486	45.654	ug/l	99
44) Trichloroethene	7.19	130	206978	47.423	ug/l	100
45) 1,2-Dichloropropane	7.49	63	155423	49.998	ug/l	98
46) Dibromomethane	7.64	93	103912	49.189	ug/l	99
47) Bromodichloromethane	7.88	83	216176	50.245	ug/l	99
48) Methyl methacrylate	7.74	41	175711	47.757	ug/l	96
49) 1,4-Dioxane	7.71	88	83006	940.679	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1170316	246.305	ug/l	98
52) Toluene	8.77	92	380989	49.753	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	245337	47.825	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	255753	47.731	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	155183	51.508	ug/l	99
56) Ethyl methacrylate	9.16	69	247607	50.349	ug/l	96
57) 1,3-Dichloropropane	9.35	76	265989	50.597	ug/l	99
59) 2-Hexanone	9.48	43	906169	242.846	ug/l	98
60) Dibromochloromethane	9.57	129	174272	52.521	ug/l	99
61) 1,2-Dibromoethane	9.66	107	163719	50.168	ug/l	99
64) Tetrachloroethene	9.32	164	228576	45.961	ug/l	97
65) Chlorobenzene	10.12	112	406682	47.944	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	157816	50.336	ug/l	99
67) Ethyl Benzene	10.24	91	721723	47.686	ug/l	99
68) m/p-Xylenes	10.34	106	543842	95.907	ug/l	100
69) o-Xylene	10.68	106	265788	48.762	ug/l	98
70) Styrene	10.70	104	452155	48.897	ug/l	99
71) Bromoform	10.84	173	130068	50.920	ug/l #	97
73) Isopropylbenzene	11.01	105	704533	46.948	ug/l	99
74) N-amyl acetate	10.88	43	295699	42.244	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	170985	56.990	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	221153m	47.236	ug/l	
77) Bromobenzene	11.24	156	180531	46.607	ug/l	100
78) n-propylbenzene	11.35	91	801577	45.915	ug/l	100
79) 2-Chlorotoluene	11.41	91	480887	46.666	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	591787	46.706	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	88403	44.997	ug/l	97
82) 4-Chlorotoluene	11.49	91	570391	46.873	ug/l	100
83) tert-Butylbenzene	11.76	119	509203	46.633	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	598595	46.729	ug/l	100
85) sec-Butylbenzene	11.93	105	657326	44.585	ug/l	100
86) p-Isopropyltoluene	12.05	119	607080	44.350	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	314831	45.267	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	325484	46.109	ug/l	100
89) n-Butylbenzene	12.37	91	515379	41.214	ug/l	99
90) Hexachloroethane	12.58	117	110278	46.910	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	311930	46.578	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	56076	45.444	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	214817	43.326	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	76362	35.916	ug/l	96
95) Naphthalene	13.82	128	747399	46.554	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	217410	44.867	ug/l	98

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

