

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051420\
 Data File : VX016242.D
 Acq On : 14 May 2020 19:25
 Operator : JC/SP
 Sample : L2643-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MSD

Manual Integrations
 APPROVED

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

Quant Time: May 15 04:17:49 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	5.64	168	244542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	399921	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	371283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201152	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	148308	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
35) Dibromofluoromethane	5.46	113	118702	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
50) Toluene-d8	8.70	98	466748	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.12	95	184547	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	126083	48.711	ug/l	99
3) Chloromethane	1.31	50	140789	46.836	ug/l	99
4) Vinyl Chloride	1.39	62	151093	47.112	ug/l	99
5) Bromomethane	1.62	94	69363	42.900	ug/l	97
6) Chloroethane	1.70	64	91892	47.091	ug/l	98
7) Trichlorofluoromethane	1.91	101	196948	46.776	ug/l	99
8) Diethyl Ether	2.17	74	81991	46.217	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	109426	45.047	ug/l	99
10) Methyl Iodide	2.49	142	120353	36.885	ug/l	99
11) Tert butyl alcohol	3.03	59	197475	242.679	ug/l	99
12) 1,1-Dichloroethene	2.35	96	116077	45.663	ug/l	98
13) Acrolein	2.27	56	123911	243.342	ug/l	100
14) Allyl chloride	2.70	41	209773	45.006	ug/l	95
15) Acrylonitrile	3.12	53	411120	243.542	ug/l	98
16) Acetone	2.42	43	324281	225.853	ug/l	94
17) Carbon Disulfide	2.55	76	333056	43.602	ug/l	100
18) Methyl Acetate	2.75	43	168030	47.596	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	441347	50.364	ug/l	99
20) Methylene Chloride	2.83	84	138111	46.661	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	133090	46.982	ug/l	100
22) Diisopropyl ether	3.82	45	420861	47.862	ug/l	96
23) Vinyl Acetate	3.79	43	1757701	227.208	ug/l	99
24) 1,1-Dichloroethane	3.67	63	242943	49.390	ug/l	99
25) 2-Butanone	4.64	43	566093	244.674	ug/l	100
26) 2,2-Dichloropropane	4.55	77	194760	43.356	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	160962	51.975	ug/l	96
28) Bromochloromethane	4.98	49	111576	49.746	ug/l	96
29) Tetrahydrofuran	5.09	42	369726	241.172	ug/l	97
30) Chloroform	5.18	83	245358	50.098	ug/l	100
31) Cyclohexane	5.55	56	204912	45.838	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	217806	48.925	ug/l	98
36) 1,1-Dichloropropene	5.77	75	181254	46.043	ug/l	99
37) Ethyl Acetate	4.79	43	202577	44.398	ug/l	99
38) Carbon Tetrachloride	5.76	117	191118	47.764	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	204501	43.136	ug/l	99
40) Benzene	6.12	78	557828	48.429	ug/l	98
41) Methacrylonitrile	5.01	41	117292	47.601	ug/l	97
42) 1,2-Dichloroethane	6.17	62	194350	46.839	ug/l	99
43) Isopropyl Acetate	6.42	43	331390	45.521	ug/l	98
44) Trichloroethene	7.19	130	209242	51.133	ug/l	98
45) 1,2-Dichloropropane	7.49	63	143272	49.157	ug/l	100
46) Dibromomethane	7.64	93	95868	48.402	ug/l	99
47) Bromodichloromethane	7.88	83	200840	49.788	ug/l	99
48) Methyl methacrylate	7.75	41	161510	46.820	ug/l	95
49) 1,4-Dioxane	7.71	88	81678	987.253	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1088711	244.385	ug/l	98
52) Toluene	8.77	92	356379	49.637	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	228050	47.415	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	241012	47.975	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	143055	50.644	ug/l	99
56) Ethyl methacrylate	9.16	69	231028	50.105	ug/l	95
57) 1,3-Dichloropropane	9.35	76	246862	50.085	ug/l	100
59) 2-Hexanone	9.48	43	848959	242.661	ug/l	97
60) Dibromochloromethane	9.57	129	161129	51.793	ug/l	100
61) 1,2-Dibromoethane	9.65	107	152361	49.796	ug/l	99
64) Tetrachloroethene	9.32	164	200050	43.890	ug/l	97
65) Chlorobenzene	10.12	112	379533	48.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	146770	51.078	ug/l	98
67) Ethyl Benzene	10.24	91	671685	48.423	ug/l	100
68) m/p-Xylenes	10.34	106	515121	99.118	ug/l	99
69) o-Xylene	10.68	106	248197	49.683	ug/l	99
70) Stvrene	10.70	104	417683	49.284	ug/l	100
71) Bromoform	10.84	173	125472	53.596	ug/l #	99
73) Isopropylbenzene	11.01	105	662259	45.265	ug/l	99
74) N-amyl acetate	10.88	43	284860	41.742	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	175570	59.630	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	210472m	46.110	ug/l	
77) Bromobenzene	11.24	156	173762	46.013	ug/l	98
78) n-propylbenzene	11.35	91	759341	44.613	ug/l	99
79) 2-Chlorotoluene	11.40	91	460030	45.789	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	566651	45.871	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	85166	44.463	ug/l	97
82) 4-Chlorotoluene	11.49	91	544909	45.930	ug/l	100
83) tert-Butylbenzene	11.76	119	499049	46.877	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	575830	46.107	ug/l	100
85) sec-Butylbenzene	11.93	105	635290	44.198	ug/l	100
86) p-Isopropyltoluene	12.05	119	598346	44.836	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	307649	45.371	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	311909	45.321	ug/l	99
89) n-Butylbenzene	12.37	91	510933	41.908	ug/l	100
90) Hexachloroethane	12.58	117	106175	46.325	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	300172	45.974	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55107	45.807	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	212564	43.973	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	79334	38.239	ug/l	97
95) Naphthalene	13.82	128	726562	46.419	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	209765	44.402	ug/l	98

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

