

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO060120\
 Data File : VX016542.D
 Acq On : 01 Jun 2020 20:16
 Operator : JC/SP
 Sample : L2802-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MSD

Manual Integrations
 APPROVED

MMDadoda
 6/2/2020 11:34:47 AM

Quant Time: Jun 02 03:40:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	279490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	450215	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	409994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201722	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	176774	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
35) Dibromofluoromethane	5.47	113	142600	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	8.70	98	542010	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.12	95	208928	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	137828	50.110	ug/l	96
3) Chloromethane	1.31	50	160568	48.308	ug/l	100
4) Vinyl Chloride	1.39	62	184071	52.366	ug/l	100
5) Bromomethane	1.62	94	78270	45.796	ug/l	100
6) Chloroethane	1.70	64	110877	54.074	ug/l	97
7) Trichlorofluoromethane	1.91	101	236455	51.222	ug/l	98
8) Diethyl Ether	2.17	74	102063	53.022	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	129882	51.121	ug/l	99
10) Methyl Iodide	2.49	142	122236	40.865	ug/l	97
11) Tert butyl alcohol	3.01	59	245635	275.980	ug/l	99
12) 1,1-Dichloroethene	2.36	96	141231	52.516	ug/l	97
13) Acrolein	2.27	56	119268	315.011	ug/l	97
14) Allyl chloride	2.70	41	255985	51.758	ug/l	97
15) Acrylonitrile	3.12	53	496324	272.226	ug/l	99
16) Acetone	2.42	43	423517	278.505	ug/l	98
17) Carbon Disulfide	2.55	76	410424	51.392	ug/l	100
18) Methyl Acetate	2.75	43	237506	60.895	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	518045	53.645	ug/l	99
20) Methylene Chloride	2.83	84	162606	51.683	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	155421	52.248	ug/l	95
22) Diisopropyl ether	3.82	45	495996	52.205	ug/l	97
23) Vinyl Acetate	3.78	43	2187408	263.028	ug/l	99
24) 1,1-Dichloroethane	3.67	63	282308	52.645	ug/l	100
25) 2-Butanone	4.64	43	703022	272.834	ug/l	97
26) 2,2-Dichloropropane	4.56	77	203681	46.417	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	187733	54.553	ug/l	98
28) Bromochloromethane	4.98	49	125197	50.240	ug/l	96
29) Tetrahydrofuran	5.09	42	464497	279.028	ug/l	98
30) Chloroform	5.18	83	282185	52.225	ug/l	100
31) Cyclohexane	5.55	56	234255	48.557	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	249057	50.913	ug/l	99
36) 1,1-Dichloropropene	5.77	75	210409	49.361	ug/l	98
37) Ethyl Acetate	4.79	43	255874	49.998	ug/l	98
38) Carbon Tetrachloride	5.76	117	215930	48.203	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	230368	49.756	ug/l	99
40) Benzene	6.11	78	646900	50.961	ug/l	99
41) Methacrylonitrile	5.00	41	141314	50.270	ug/l	99
42) 1,2-Dichloroethane	6.17	62	224762	49.788	ug/l	99
43) Isopropyl Acetate	6.41	43	410360	51.406	ug/l	98
44) Trichloroethene	7.19	130	185524	46.064	ug/l	96
45) 1,2-Dichloropropane	7.49	63	167986	51.982	ug/l	100
46) Dibromomethane	7.64	93	111277	51.266	ug/l	98
47) Bromodichloromethane	7.88	83	231562	51.523	ug/l	98
48) Methyl methacrylate	7.74	41	200514	52.461	ug/l	97
49) 1,4-Dioxane	7.71	88	92171	1030.450	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1331863	267.952	ug/l	98
52) Toluene	8.77	92	414890	51.830	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	267621	52.366	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	277435	51.288	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	166099	52.188	ug/l	98
56) Ethyl methacrylate	9.16	69	282375	54.476	ug/l	97
57) 1,3-Dichloropropane	9.35	76	284150	52.014	ug/l	99
59) 2-Hexanone	9.48	43	1045956	270.597	ug/l	98
60) Dibromochloromethane	9.57	129	187591	52.375	ug/l	100
61) 1,2-Dibromoethane	9.65	107	178009	52.229	ug/l	100
64) Tetrachloroethene	9.32	164	181151	39.493	ug/l	97
65) Chlorobenzene	10.12	112	429577	51.393	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	162662	50.980	ug/l	99
67) Ethyl Benzene	10.24	91	754709	50.713	ug/l	99
68) m/p-Xylenes	10.34	106	568569	103.043	ug/l	100
69) o-Xylene	10.68	106	274599	51.387	ug/l	98
70) Styrene	10.70	104	488004	53.130	ug/l	99
71) Bromoform	10.84	173	145081	53.802	ug/l #	97
73) Isopropylbenzene	11.00	105	721312	51.607	ug/l	100
74) N-amyl acetate	10.88	43	352842	54.883	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	231142	65.986	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	240816m	54.312	ug/l	
77) Bromobenzene	11.24	156	189112	51.587	ug/l	100
78) n-propylbenzene	11.35	91	808966	51.806	ug/l	100
79) 2-Chlorotoluene	11.40	91	494900	51.922	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	607762	52.077	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	93735	52.002	ug/l	98
82) 4-Chlorotoluene	11.49	91	584563	51.935	ug/l	100
83) tert-Butylbenzene	11.76	119	559417	56.099	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	619467	52.486	ug/l	99
85) sec-Butylbenzene	11.93	105	654683	52.335	ug/l	100
86) p-Isopropyltoluene	12.05	119	620431	52.946	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	331218	52.151	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	332896	51.250	ug/l	98
89) n-Butylbenzene	12.37	91	526365	53.929	ug/l	99
90) Hexachloroethane	12.58	117	106753	52.742	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	320147	52.029	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61124	53.872	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	207607	50.802	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	78664	49.028	ug/l	97
95) Naphthalene	13.82	128	679725	48.520	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	194340	48.541	ug/l	98

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

