

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO060120\
 Data File : VX016541.D
 Acq On : 01 Jun 2020 19:54
 Operator : JC/SP
 Sample : L2802-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

Manual Integrations
 APPROVED

MMDadoda
 6/2/2020 11:34:49 AM

Quant Time: Jun 02 03:38:49 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	270026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	426428	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	390066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	194907	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	158131	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
35) Dibromofluoromethane	5.46	113	126200	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	8.70	98	479360	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
62) 4-Bromofluorobenzene	11.12	95	185003	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	127218	47.874	ug/l	97
3) Chloromethane	1.31	50	142634	44.416	ug/l	98
4) Vinyl Chloride	1.39	62	168175	49.521	ug/l	99
5) Bromomethane	1.62	94	66715	40.403	ug/l	100
6) Chloroethane	1.70	64	98185	49.563	ug/l	99
7) Trichlorofluoromethane	1.91	101	213455	47.860	ug/l	99
8) Diethyl Ether	2.17	74	93066	50.043	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	119053	48.501	ug/l	98
10) Methyl Iodide	2.49	142	85694	30.491	ug/l	98
11) Tert butyl alcohol	3.02	59	225681	262.448	ug/l	100
12) 1,1-Dichloroethene	2.36	96	126957	48.863	ug/l	99
13) Acrolein	2.27	56	106784	291.924	ug/l	96
14) Allyl chloride	2.70	41	228901	47.904	ug/l	98
15) Acrylonitrile	3.12	53	448598	254.673	ug/l	99
16) Acetone	2.42	43	385598	262.456	ug/l	96
17) Carbon Disulfide	2.55	76	367265	47.599	ug/l	99
18) Methyl Acetate	2.75	43	208083	55.221	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	470290	50.407	ug/l	98
20) Methylene Chloride	2.83	84	147794	48.622	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	141623	49.278	ug/l	96
22) Diisopropyl ether	3.82	45	446431	48.635	ug/l	98
23) Vinyl Acetate	3.78	43	1987188	247.327	ug/l	99
24) 1,1-Dichloroethane	3.67	63	255238	49.265	ug/l	99
25) 2-Butanone	4.64	43	635253	255.175	ug/l	97
26) 2,2-Dichloropropane	4.55	77	187849	44.310	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	168936	50.811	ug/l	98
28) Bromochloromethane	4.98	49	111695	46.393	ug/l	94
29) Tetrahydrofuran	5.09	42	416971	259.258	ug/l	98
30) Chloroform	5.18	83	257397	49.307	ug/l	98
31) Cyclohexane	5.55	56	209830	45.019	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	228533	48.355	ug/l	99
36) 1,1-Dichloropropene	5.77	75	189735	46.994	ug/l	99
37) Ethyl Acetate	4.79	43	232767	48.020	ug/l	98
38) Carbon Tetrachloride	5.75	117	197285	46.497	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	213222	48.621	ug/l	99
40) Benzene	6.11	78	581621	48.374	ug/l	100
41) Methacrylonitrile	5.00	41	126670	47.574	ug/l	98
42) 1,2-Dichloroethane	6.17	62	204467	47.819	ug/l	99
43) Isopropyl Acetate	6.41	43	369069	48.813	ug/l	98
44) Trichloroethene	7.19	130	163860	42.954	ug/l	98
45) 1,2-Dichloropropane	7.49	63	152322	49.764	ug/l	98
46) Dibromomethane	7.64	93	101498	49.369	ug/l	99
47) Bromodichloromethane	7.88	83	207964	48.853	ug/l	99
48) Methyl methacrylate	7.74	41	179908	49.696	ug/l	98
49) 1,4-Dioxane	7.71	88	86222	1017.712	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1203199	255.570	ug/l	99
52) Toluene	8.77	92	371852	49.045	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	238820	49.338	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	250783	48.947	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	151509	50.259	ug/l	98
56) Ethyl methacrylate	9.16	69	254629	51.864	ug/l	98
57) 1,3-Dichloropropane	9.35	76	259303	50.113	ug/l	99
59) 2-Hexanone	9.48	43	947764	258.872	ug/l	98
60) Dibromochloromethane	9.57	129	169221	49.882	ug/l	100
61) 1,2-Dibromoethane	9.65	107	163182	50.550	ug/l	98
64) Tetrachloroethene	9.32	164	169289	38.792	ug/l	99
65) Chlorobenzene	10.12	112	386985	48.663	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	149537	49.261	ug/l	99
67) Ethyl Benzene	10.24	91	679824	48.015	ug/l	100
68) m/p-Xylenes	10.34	106	514100	97.931	ug/l	99
69) o-Xylene	10.68	106	246923	48.569	ug/l	99
70) Styrene	10.70	104	435607	49.848	ug/l	100
71) Bromoform	10.84	173	131774	51.363	ug/l #	99
73) Isopropylbenzene	11.00	105	655091	48.508	ug/l	100
74) N-amyl acetate	10.88	43	312918	50.375	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	205330	60.667	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	219269m	51.181	ug/l	
77) Bromobenzene	11.24	156	171398	48.390	ug/l	98
78) n-propylbenzene	11.34	91	741783	49.165	ug/l	100
79) 2-Chlorotoluene	11.40	91	448016	48.647	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	552596	49.005	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	85166	48.900	ug/l	97
82) 4-Chlorotoluene	11.49	91	524836	48.259	ug/l	100
83) tert-Butylbenzene	11.76	119	505313	52.445	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	564316	49.485	ug/l	100
85) sec-Butylbenzene	11.93	105	603626	49.941	ug/l	100
86) p-Isopropyltoluene	12.05	119	574033	50.700	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	293727	47.865	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	300398	47.864	ug/l	99
89) n-Butylbenzene	12.37	91	484350	51.359	ug/l	99
90) Hexachloroethane	12.58	117	97450	49.830	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	285305	47.988	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54979	50.150	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	186325	47.189	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	75146	48.473	ug/l	97
95) Naphthalene	13.82	128	612094	45.220	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	176700	45.678	ug/l	99

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

