

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016834.D
 Acq On : 17 Jun 2020 21:52
 Operator : JC/SP
 Sample : L2984-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 11:17:00 AM

Quant Time: Jun 18 02:11:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	264767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	404346	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	415521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	180017	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	156841	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
35) Dibromofluoromethane	5.47	113	121082	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
50) Toluene-d8	8.70	98	430550	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
62) 4-Bromofluorobenzene	11.12	95	164016	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	126296	42.245	ug/l	99
3) Chloromethane	1.31	50	128895	44.596	ug/l	99
4) Vinyl Chloride	1.39	62	179592	58.233	ug/l	99
5) Bromomethane	1.62	94	78356	40.910	ug/l	96
6) Chloroethane	1.70	64	106076	55.838	ug/l	99
7) Trichlorofluoromethane	1.91	101	221277	49.818	ug/l	98
8) Diethyl Ether	2.17	74	95677	52.748	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	109894	48.630	ug/l	98
10) Methyl Iodide	2.49	142	110304	39.052	ug/l	99
11) Tert butyl alcohol	3.01	59	229491	306.740	ug/l	100
12) 1,1-Dichloroethene	2.36	96	130957	50.606	ug/l	98
13) Acrolein	2.27	56	77857	244.454	ug/l	96
14) Allyl chloride	2.70	41	186672	46.122	ug/l	95
15) Acrylonitrile	3.12	53	401725	264.615	ug/l	99
16) Acetone	2.42	43	731011	541.132	ug/l	99
17) Carbon Disulfide	2.55	76	311190	41.989	ug/l	99
18) Methyl Acetate	2.75	43	201958	56.010	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	407626	46.217	ug/l	99
20) Methylene Chloride	2.83	84	128208	44.061	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	138288	49.728	ug/l	98
22) Diisopropyl ether	3.82	45	355376	46.746	ug/l	98
23) Vinyl Acetate	3.78	43	1485409	226.059	ug/l	100
24) 1,1-Dichloroethane	3.67	63	214108	45.029	ug/l	98
25) 2-Butanone	4.64	43	4754666	2335.375	ug/l	99
26) 2,2-Dichloropropane	4.55	77	166850	37.896	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	169713	53.395	ug/l	96
28) Bromochloromethane	4.98	49	90316	44.527	ug/l	100
29) Tetrahydrofuran	5.09	42	410198	311.015	ug/l	94
30) Chloroform	5.18	83	226895	45.105	ug/l	98
31) Cyclohexane	5.55	56	204199	53.286	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	211951	46.433	ug/l	100
36) 1,1-Dichloropropene	5.77	75	181002	50.654	ug/l	100
37) Ethyl Acetate	4.79	43	240251	61.395	ug/l	98
38) Carbon Tetrachloride	5.75	117	202873	49.991	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	150416	36.562	ug/l	97
40) Benzene	6.11	78	600949	55.236	ug/l	100
41) Methacrylonitrile	5.01	41	103954	49.822	ug/l	98
42) 1,2-Dichloroethane	6.17	62	206387	51.976	ug/l	98
43) Isopropyl Acetate	6.42	43	401851	65.522	ug/l	99
44) Trichloroethene	7.19	130	151273	44.951	ug/l	100
45) 1,2-Dichloropropane	7.49	63	124459	46.667	ug/l	98
46) Dibromomethane	7.64	93	90317	46.464	ug/l	99
47) Bromodichloromethane	7.88	83	185696	45.823	ug/l	97
48) Methyl methacrylate	7.74	41	149436	51.408	ug/l	98
49) 1,4-Dioxane	7.71	88	81959	1139.329	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	1057396	279.790	ug/l	100
52) Toluene	8.77	92	342129	48.413	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	207762	45.391	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	216310	45.306	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	134100	47.185	ug/l	99
56) Ethyl methacrylate	9.16	69	216152	50.798	ug/l	99
57) 1,3-Dichloropropane	9.35	76	221010	46.262	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	497014	237.556	ug/l	100
59) 2-Hexanone	9.48	43	861492	295.289	ug/l	99
60) Dibromochloromethane	9.57	129	159356	47.444	ug/l	99
61) 1,2-Dibromoethane	9.65	107	148657	47.996	ug/l	98
64) Tetrachloroethene	9.32	164	149420	37.448	ug/l	97
65) Chlorobenzene	10.12	112	436901	51.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	170182	50.597	ug/l	99
67) Ethyl Benzene	10.24	91	733470	51.459	ug/l	99
68) m/p-Xylenes	10.34	106	547089	101.233	ug/l	99
69) o-Xylene	10.68	106	250794	48.170	ug/l	99
70) Styrene	10.70	104	448216	49.800	ug/l	99
71) Bromoform	10.84	173	146690	51.115	ug/l #	98
73) Isopropylbenzene	11.00	105	683750	57.886	ug/l	100
74) N-amyl acetate	10.88	43	317456	69.149	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	192962	55.534	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	199520m	52.704	ug/l	
77) Bromobenzene	11.24	156	161185	48.329	ug/l	98
78) n-propylbenzene	11.34	91	645953	50.356	ug/l	99
79) 2-Chlorotoluene	11.40	91	405117	49.943	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	499179	50.413	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	75000	49.875	ug/l	98
82) 4-Chlorotoluene	11.49	91	474555	49.981	ug/l	100
83) tert-Butylbenzene	11.76	119	467097	51.554	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	514812	51.396	ug/l	100
85) sec-Butylbenzene	11.93	105	521139	49.173	ug/l	99
86) p-Isopropyltoluene	12.05	119	510183	50.172	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	282108	50.033	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	283635	48.507	ug/l	99
89) n-Butylbenzene	12.37	91	406951	48.479	ug/l	99
90) Hexachloroethane	12.58	117	89854	47.917	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	276460	49.030	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56740	58.394	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	187766	47.551	ug/l	99
94) Hexachlorobutadiene	13.76	225	83312	47.964	ug/l	98
95) Naphthalene	13.82	128	696774	56.325	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	187138	48.150	ug/l	100

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

