

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO050520\
 Data File : VX016059.D
 Acq On : 05 May 2020 13:26
 Operator : JC/SP
 Sample : L2182-08 5.0PPB LOQ
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 12:27:30 PM

Quant Time: May 06 06:41:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:20:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	286439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	459535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	422594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211375	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	185308	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	5.47	113	140089	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
50) Toluene-d8	8.70	98	551792	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.12	95	207348	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	14629	4.825	ug/l	94
3) Chloromethane	1.31	50	18055	5.128	ug/l	96
4) Vinyl Chloride	1.39	62	18950	5.045	ug/l	98
5) Bromomethane	1.62	94	11348	5.992	ug/l	92
6) Chloroethane	1.70	64	12254	5.361	ug/l	98
7) Trichlorofluoromethane	1.91	101	25491	5.169	ug/l	97
8) Diethyl Ether	2.17	74	10748	5.172	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	14998	5.271	ug/l	99
10) Methyl Iodide	2.49	142	15577	4.076	ug/l	98
11) Tert butyl alcohol	3.02	59	24577	25.785	ug/l	98
12) 1,1-Dichloroethene	2.36	96	15186	5.100	ug/l	99
13) Acrolein	2.27	56	15135	25.375	ug/l	94
14) Allyl chloride	2.70	41	27434	5.025	ug/l	96
15) Acrylonitrile	3.12	53	49501	25.035	ug/l	99
16) Acetone	2.42	43	43314	25.755	ug/l	99
17) Carbon Disulfide	2.55	76	47286	4.665	ug/l	97
18) Methyl Acetate	2.75	43	20934	5.062	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	53380	5.200	ug/l	100
20) Methylene Chloride	2.84	84	17493	5.046	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	16583	4.998	ug/l	98
22) Diisopropyl ether	3.83	45	52649	5.112	ug/l	91
23) Vinyl Acetate	3.79	43	226803	25.029	ug/l	99
24) 1,1-Dichloroethane	3.67	63	29806	5.173	ug/l	96
25) 2-Butanone	4.64	43	67526	24.917	ug/l	97
26) 2,2-Dichloropropane	4.55	77	25988	4.939	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	19083	5.261	ug/l	97
28) Bromochloromethane	4.98	49	14802	5.634	ug/l	95
29) Tetrahydrofuran	5.10	42	43695	24.333	ug/l	97
30) Chloroform	5.17	83	30326	5.286	ug/l	95
31) Cyclohexane	5.55	56	26867	5.131	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	27327	5.241	ug/l	98
36) 1,1-Dichloropropene	5.77	75	23083	5.103	ug/l	98
37) Ethyl Acetate	4.79	43	26784	5.109	ug/l	100
38) Carbon Tetrachloride	5.76	117	23572	5.127	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	26668	4.895	ug/l	98
40) Benzene	6.12	78	67198	5.077	ug/l	100
41) Methacrylonitrile	5.01	41	14110	4.983	ug/l	99
42) 1,2-Dichloroethane	6.17	62	24570	5.153	ug/l	98
43) Isopropyl Acetate	6.42	43	42105	5.033	ug/l	99
44) Trichloroethene	7.19	130	24778	5.270	ug/l	100
45) 1,2-Dichloropropane	7.49	63	17670	5.276	ug/l	96
46) Dibromomethane	7.64	93	12004	5.274	ug/l	97
47) Bromodichloromethane	7.88	83	22974	4.956	ug/l	98
48) Methyl methacrylate	7.74	41	19015	4.797	ug/l	97
49) 1,4-Dioxane	7.72	88	9568	100.647	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	128706	25.143	ug/l	98
52) Toluene	8.77	92	42680	5.173	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	27056	4.896	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	28446	4.928	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	16688	5.141	ug/l	97
56) Ethyl methacrylate	9.16	69	25472	4.808	ug/l	97
57) 1,3-Dichloropropane	9.35	76	29171	5.151	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	68999	24.462	ug/l	100
59) 2-Hexanone	9.48	43	97882	24.348	ug/l	99
60) Dibromochloromethane	9.57	129	17659	4.940	ug/l	99
61) 1,2-Dibromoethane	9.65	107	17678	5.028	ug/l	99
64) Tetrachloroethene	9.32	164	27380	5.278	ug/l	98
65) Chlorobenzene	10.12	112	44979	5.083	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	16520	5.051	ug/l	100
67) Ethyl Benzene	10.24	91	79795	5.054	ug/l	98
68) m/p-Xylenes	10.34	106	59258	10.018	ug/l	98
69) o-Xylene	10.68	106	28653	5.039	ug/l	99
70) Styrene	10.70	104	46999	4.872	ug/l	98
71) Bromoform	10.84	173	12635	4.742	ug/l #	99
73) Isopropylbenzene	11.00	105	76867	5.000	ug/l	99
74) N-amyl acetate	10.88	43	34043	4.747	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	11827	4.362	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	24208m	5.047	ug/l	
77) Bromobenzene	11.24	156	19640	4.949	ug/l	99
78) n-propylbenzene	11.34	91	88019	4.921	ug/l	99
79) 2-Chlorotoluene	11.40	91	53196	5.039	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	64150	4.942	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	9101	4.522	ug/l	95
82) 4-Chlorotoluene	11.49	91	62028	4.975	ug/l	100
83) tert-Butylbenzene	11.76	119	55316	4.945	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	64258	4.896	ug/l	99
85) sec-Butylbenzene	11.93	105	73793	4.886	ug/l	100
86) p-Isopropyltoluene	12.05	119	68081	4.855	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	34752	4.877	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	35016	4.842	ug/l	93
89) n-Butylbenzene	12.37	91	59995	4.683	ug/l	97
90) Hexachloroethane	12.58	117	10796	4.483	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	33708	4.913	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	5624	4.449	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	22920	4.512	ug/l	99
94) Hexachlorobutadiene	13.77	225	10968	4.670	ug/l	98
95) Naphthalene	13.82	128	75613	4.597	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	22912	4.615	ug/l	99

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

