

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002674.D
 Acq On : 17 Jun 2018 03:22
 Operator : JC/MD
 Sample : J3509-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-061318MSD

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:04:55 PM

Quant Time: Jun 18 04:28:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	214677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	310932	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	188982	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	153720	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
35) Dibromofluoromethane	5.51	113	124870	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	8.72	98	456198	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
62) 4-Bromofluorobenzene	11.14	95	173459	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	102417	44.939	ug/l	99
3) Chloromethane	1.32	50	118623	43.756	ug/l	99
4) Vinyl Chloride	1.41	62	132901	47.242	ug/l	97
5) Bromomethane	1.64	94	73945	43.563	ug/l	98
6) Chloroethane	1.73	64	88958	47.976	ug/l	99
7) Trichlorofluoromethane	1.93	101	225573	49.353	ug/l	96
8) Diethyl Ether	2.19	74	82556	47.490	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	121137	47.415	ug/l	99
10) Methyl Iodide	2.51	142	146023	43.145	ug/l	99
11) Tert butyl alcohol	3.07	59	136335	202.157	ug/l	98
12) 1,1-Dichloroethene	2.37	96	114234	47.623	ug/l	99
13) Acrolein	2.30	56	59798	190.809	ug/l	97
14) Allyl chloride	2.73	41	218957	45.973	ug/l	98
15) Acrylonitrile	3.15	53	342596	232.798	ug/l	99
16) Acetone	2.45	43	318665	221.405	ug/l	100
17) Carbon Disulfide	2.57	76	285241	50.137	ug/l	99
18) Methyl Acetate	2.78	43	168586	43.966	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	425631	47.300	ug/l	99
20) Methylene Chloride	2.86	84	130543	44.236	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	123602	47.497	ug/l	99
22) Diisopropyl ether	3.88	45	411557	47.762	ug/l	97
23) Vinyl Acetate	3.83	43	1596241	221.330	ug/l	99
24) 1,1-Dichloroethane	3.70	63	233933	50.019	ug/l	99
25) 2-Butanone	4.71	43	445770	235.837	ug/l	100
26) 2,2-Dichloropropane	4.59	77	121845	36.258	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	131425	49.636	ug/l	91
28) Bromochloromethane	5.03	49	103456	47.236	ug/l	96
29) Tetrahydrofuran	5.17	42	290023	234.121	ug/l	97
30) Chloroform	5.22	83	230663	51.146	ug/l	97
31) Cyclohexane	5.57	56	180543	46.887	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	199732	52.952	ug/l	100
36) 1,1-Dichloropropene	5.81	75	161000	48.754	ug/l	99
37) Ethyl Acetate	4.87	43	166851	44.640	ug/l	99
38) Carbon Tetrachloride	5.79	117	173455	52.748	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181504	47.016	ug/l	96
40) Benzene	6.15	78	488929	49.378	ug/l	99
41) Methacrylonitrile	5.07	41	103052	48.831	ug/l	98
42) 1,2-Dichloroethane	6.20	62	191175	49.868	ug/l	99
43) Isopropyl Acetate	6.47	43	282963	45.693	ug/l	99
44) Trichloroethene	7.22	130	141533	49.522	ug/l	98
45) 1,2-Dichloropropane	7.52	63	131021	50.276	ug/l	99
46) Dibromomethane	7.67	93	89579	51.387	ug/l	98
47) Bromodichloromethane	7.90	83	166371	54.111	ug/l	100
48) Methyl methacrylate	7.78	41	153499	48.505	ug/l	97
49) 1,4-Dioxane	7.76	88	50413	841.206	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	965173	242.740	ug/l	100
52) Toluene	8.79	92	318610	50.442	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	183592	45.343	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	170900	44.402	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	132895	52.069	ug/l	97
56) Ethyl methacrylate	9.18	69	197416	50.262	ug/l	97
57) 1,3-Dichloropropane	9.38	76	214551	49.703	ug/l	99
59) 2-Hexanone	9.50	43	726404	242.442	ug/l	98
60) Dibromochloromethane	9.59	129	137991	48.209	ug/l	99
61) 1,2-Dibromoethane	9.68	107	139285	52.693	ug/l	100
64) Tetrachloroethene	9.34	164	144358	43.927	ug/l	99
65) Chlorobenzene	10.14	112	368677	50.707	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	135797	54.784	ug/l	99
67) Ethyl Benzene	10.26	91	619821	50.542	ug/l	99
68) m/p-Xylenes	10.36	106	476975	100.828	ug/l	99
69) o-Xylene	10.70	106	234354	50.423	ug/l	98
70) Styrene	10.71	104	394303	51.586	ug/l	99
71) Bromoform	10.86	173	103953	46.446	ug/l	100
73) Isopropylbenzene	11.02	105	630330	49.871	ug/l	100
74) N-amyl acetate	6.47	43	282963	45.059	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	196106	52.540	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	167707m	47.028	ug/l	
77) Bromobenzene	11.26	156	179023	50.841	ug/l	97
78) n-propylbenzene	11.37	91	716728	49.445	ug/l	99
79) 2-Chlorotoluene	11.43	91	424060	48.999	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	528794	49.506	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	44381	40.674	ug/l	94
82) 4-Chlorotoluene	11.51	91	509847	49.926	ug/l	99
83) tert-Butylbenzene	11.77	119	527209	51.235	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	547705	50.251	ug/l	99
85) sec-Butylbenzene	11.95	105	636723	49.763	ug/l	100
86) p-Isopropyltoluene	12.07	119	574759	49.647	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	322504	49.942	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	330582	50.313	ug/l	98
89) n-Butylbenzene	12.39	91	506567	49.601	ug/l	100
90) Hexachloroethane	12.60	117	84513	46.998	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	324990	50.004	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	42287	54.088	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	237360	50.320	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	116060	46.708	ug/l	99
95) Naphthalene	13.84	128	668678	52.681	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	241903	51.061	ug/l	100

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

