

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040419\
 Data File : VX008669.D
 Acq On : 05 Apr 2019 04:55
 Operator : JC/SP
 Sample : K2274-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 10:53:33 AM

Quant Time: Apr 05 09:31:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	177613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304007	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128946	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	125048	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
35) Dibromofluoromethane	5.50	113	94095	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
50) Toluene-d8	8.71	98	377769	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.13	95	138762	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	91495	44.752	ug/l	99
3) Chloromethane	1.32	50	122289	48.765	ug/l	100
4) Vinyl Chloride	1.40	62	555503	200.996	ug/l	98
5) Bromomethane	1.64	94	61408	45.289	ug/l	99
6) Chloroethane	1.71	64	76072	50.426	ug/l	98
7) Trichlorofluoromethane	1.93	101	140454	45.974	ug/l	100
8) Diethyl Ether	2.19	74	67858	46.837	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	89722	45.614	ug/l	98
10) Methyl Iodide	2.51	142	77521	43.812	ug/l	99
11) Tert butyl alcohol	3.05	59	138730	228.743	ug/l	99
12) 1,1-Dichloroethene	2.37	96	103592	50.450	ug/l	100
13) Acrolein	2.29	56	53506	177.921	ug/l	99
14) Allyl chloride	2.73	41	211204	44.931	ug/l	99
15) Acrylonitrile	3.14	53	380062	236.549	ug/l	100
16) Acetone	2.45	43	315951	211.749	ug/l	100
17) Carbon Disulfide	2.57	76	280444	47.256	ug/l	99
18) Methyl Acetate	2.77	43	170375	47.081	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	354665	48.365	ug/l	94
20) Methylene Chloride	2.85	84	113980	45.636	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	111248	50.088	ug/l	93
22) Diisopropyl ether	3.85	45	428257	47.269	ug/l	94
23) Vinyl Acetate	3.81	43	1861134	236.134	ug/l	99
24) 1,1-Dichloroethane	3.70	63	219063	48.835	ug/l	99
25) 2-Butanone	4.68	43	531238	225.262	ug/l	99
26) 2,2-Dichloropropane	4.59	77	108227	34.256	ug/l #	1
27) cis-1,2-Dichloroethene	4.60	96	5744980	2249.770	ug/l	88
28) Bromochloromethane	5.02	49	93622	49.961	ug/l	99
29) Tetrahydrofuran	5.13	42	358691	229.157	ug/l	99
30) Chloroform	5.21	83	187722	46.854	ug/l	99
31) Cyclohexane	5.58	56	217642	48.625	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	199960	61.761	ug/l	99
36) 1,1-Dichloropropene	5.80	75	147076	44.259	ug/l	100
37) Ethyl Acetate	4.83	43	198521	44.756	ug/l #	81
38) Carbon Tetrachloride	5.79	117	127474	46.347	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	243753	59.378	ug/l	96
40) Benzene	6.14	78	458656	46.329	ug/l	99
41) Methacrylonitrile	5.04	41	117558	46.108	ug/l	99
42) 1,2-Dichloroethane	6.19	62	160681	45.273	ug/l	99
43) Isopropyl Acetate	6.45	43	326370	46.970	ug/l	100
44) Trichloroethene	7.21	130	1746580	757.487	ug/l	98
45) 1,2-Dichloropropane	7.51	63	129250	45.741	ug/l	99
46) Dibromomethane	7.66	93	74053	45.186	ug/l	99
47) Bromodichloromethane	7.90	83	150538	48.717	ug/l	99
48) Methyl methacrylate	7.77	41	165333	47.038	ug/l	98
49) 1,4-Dioxane	7.74	88	54052	820.916	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1105745	247.206	ug/l	100
52) Toluene	8.79	92	273021	46.778	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	164659	47.571	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	179925	45.492	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	108120	46.150	ug/l	98
56) Ethyl methacrylate	9.18	69	219990	51.898	ug/l	95
57) 1,3-Dichloropropane	9.37	76	197023	46.833	ug/l	100
59) 2-Hexanone	9.49	43	813533	234.032	ug/l	98
60) Dibromochloromethane	9.58	129	109004	49.375	ug/l	100
61) 1,2-Dibromoethane	9.67	107	113840	46.676	ug/l	98
64) Tetrachloroethene	9.34	164	2074211	1012.756	ug/l	99
65) Chlorobenzene	10.14	112	287480	46.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	100450	46.727	ug/l	99
67) Ethyl Benzene	10.25	91	526669	46.093	ug/l	98
68) m/p-Xylenes	10.36	106	377503	91.888	ug/l	99
69) o-Xylene	10.69	106	185466	46.583	ug/l	99
70) Stvrene	10.71	104	325693	47.457	ug/l	100
71) Bromoform	10.85	173	81612	49.708	ug/l #	99
73) Isopropylbenzene	11.02	105	489028	45.763	ug/l	100
74) N-amyl acetate	10.90	43	296139	47.103	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	188658	46.421	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	158946m	44.871	ug/l	
77) Bromobenzene	11.26	156	120060	46.735	ug/l	99
78) n-propylbenzene	11.36	91	566350	45.517	ug/l	100
79) 2-Chlorotoluene	11.42	91	340111	45.169	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	410095	45.718	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56190	43.726	ug/l	98
82) 4-Chlorotoluene	11.51	91	395082	45.329	ug/l	99
83) tert-Butylbenzene	11.77	119	406075	47.054	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	416139	45.816	ug/l	100
85) sec-Butylbenzene	11.94	105	482084	47.029	ug/l	98
86) p-Isopropyltoluene	12.06	119	421791	45.844	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	211243	45.932	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	210040	45.102	ug/l	100
89) n-Butylbenzene	12.38	91	393861	45.647	ug/l	99
90) Hexachloroethane	12.60	117	73156	47.940	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	209251	45.826	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40065	44.814	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	144974	45.663	ug/l	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	66965	43.980	ug/l	100
95) Naphthalene	13.83	128	494551	46.607	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	144218	45.464	ug/l	97

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

