

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042419\
 Data File : VX009143.D
 Acq On : 24 Apr 2019 14:24
 Operator : JC/SP
 Sample : K2535-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

Manual Integrations
 APPROVED

MMDadoda
 4/25/2019 12:34:26 PM

Quant Time: Apr 25 06:52:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	175531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	289027	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	253049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122536	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	127112	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
35) Dibromofluoromethane	5.50	113	95203	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	8.71	98	367153	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.13	95	131199	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	112340	55.565	ug/l	99
3) Chloromethane	1.32	50	129149	52.032	ug/l	99
4) Vinyl Chloride	1.41	62	130884	54.178	ug/l	99
5) Bromomethane	1.64	94	72245	47.928	ug/l	99
6) Chloroethane	1.71	64	79360	55.864	ug/l	97
7) Trichlorofluoromethane	1.92	101	156177	55.370	ug/l	100
8) Diethyl Ether	2.19	74	70590	54.724	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	98954	54.871	ug/l	99
10) Methyl Iodide	2.51	142	102487	51.802	ug/l	100
11) Tert butyl alcohol	3.06	59	152601	277.910	ug/l	98
12) 1,1-Dichloroethene	2.37	96	98979	52.582	ug/l	97
13) Acrolein	2.29	56	103499	218.147	ug/l	98
14) Allyl chloride	2.73	41	232614	56.642	ug/l	100
15) Acrylonitrile	3.15	53	398341	285.777	ug/l	100
16) Acetone	2.45	43	337775	263.307	ug/l	98
17) Carbon Disulfide	2.57	76	286431	51.738	ug/l	99
18) Methyl Acetate	2.78	43	177579	55.465	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	369992	55.164	ug/l	99
20) Methylene Chloride	2.85	84	113881	51.911	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	105621	52.606	ug/l	97
22) Diisopropyl ether	3.86	45	451817	56.618	ug/l	89
23) Vinyl Acetate	3.82	43	1982071	282.554	ug/l	99
24) 1,1-Dichloroethane	3.70	63	220330	55.002	ug/l	99
25) 2-Butanone	4.68	43	582364	284.011	ug/l	99
26) 2,2-Dichloropropane	4.58	77	156526	52.127	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	122906	53.917	ug/l	98
28) Bromochloromethane	5.02	49	92257	55.665	ug/l	98
29) Tetrahydrofuran	5.13	42	393975	287.062	ug/l	99
30) Chloroform	5.21	83	200314	55.881	ug/l	99
31) Cyclohexane	5.58	56	219681	55.756	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	165641	55.752	ug/l	99
36) 1,1-Dichloropropene	5.80	75	154121	51.560	ug/l	99
37) Ethyl Acetate	4.84	43	213858	55.600	ug/l	100
38) Carbon Tetrachloride	5.78	117	137376	54.211	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	203598	55.942	ug/l	98
40) Benzene	6.14	78	473063	53.646	ug/l	100
41) Methacrylonitrile	5.04	41	126500	57.303	ug/l	99
42) 1,2-Dichloroethane	6.20	62	169117	54.139	ug/l	99
43) Isopropyl Acetate	6.45	43	338939	54.681	ug/l	99
44) Trichloroethene	7.21	130	110047	50.933	ug/l	99
45) 1,2-Dichloropropane	7.51	63	135376	55.337	ug/l	100
46) Dibromomethane	7.66	93	76777	53.926	ug/l	99
47) Bromodichloromethane	7.90	83	154177	55.211	ug/l	99
48) Methyl methacrylate	7.77	41	172881	56.447	ug/l	99
49) 1,4-Dioxane	7.74	88	55731	972.203	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1123232	284.443	ug/l	99
52) Toluene	8.79	92	277521	52.512	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	177322	55.176	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	195793	54.409	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	114930	54.870	ug/l	98
56) Ethyl methacrylate	9.18	69	206059	54.865	ug/l	98
57) 1,3-Dichloropropane	9.37	76	203834	54.656	ug/l	99
59) 2-Hexanone	9.49	43	857814	281.758	ug/l	99
60) Dibromochloromethane	9.58	129	112984	56.282	ug/l	99
61) 1,2-Dibromoethane	9.67	107	116744	54.004	ug/l	99
64) Tetrachloroethene	9.34	164	94153	48.978	ug/l	99
65) Chlorobenzene	10.13	112	281420	52.689	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	104187	55.371	ug/l	100
67) Ethyl Benzene	10.25	91	523702	53.637	ug/l	99
68) m/p-Xylenes	10.36	106	381680	107.563	ug/l	99
69) o-Xylene	10.70	106	184866	53.543	ug/l	99
70) Stvrene	10.71	104	323256	54.027	ug/l	99
71) Bromoform	10.85	173	83416	55.646	ug/l #	99
73) Isopropylbenzene	11.02	105	496498	53.455	ug/l	100
74) N-amyl acetate	10.90	43	287979	53.999	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	185339	54.613	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	158693m	53.038	ug/l	
77) Bromobenzene	11.26	156	119671	51.066	ug/l	99
78) n-propylbenzene	11.36	91	575677	54.000	ug/l	100
79) 2-Chlorotoluene	11.42	91	338132	52.635	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	416518	53.440	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62460	53.592	ug/l	97
82) 4-Chlorotoluene	11.51	91	391000	52.407	ug/l	100
83) tert-Butylbenzene	11.77	119	401283	53.625	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	418511	52.750	ug/l	99
85) sec-Butylbenzene	11.94	105	479169	53.689	ug/l	100
86) p-Isopropyltoluene	12.06	119	437287	53.293	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	210781	51.390	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	211077	50.767	ug/l	99
89) n-Butylbenzene	12.38	91	405683	53.088	ug/l	100
90) Hexachloroethane	12.60	117	74104	54.750	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	209946	51.836	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41839	54.147	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	151767	51.910	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	77141	52.902	ug/l	99
95) Naphthalene	13.83	128	502611	53.658	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	150926	52.319	ug/l	100

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

