

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041119\
 Data File : VX008858.D
 Acq On : 11 Apr 2019 17:41
 Operator : JC/SP
 Sample : K2349-12MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW139-190409MS

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 9:45:59 AM

Quant Time: Apr 12 08:22:49 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	154578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	257764	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108978	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113364	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
35) Dibromofluoromethane	5.50	113	83696	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
50) Toluene-d8	8.71	98	339284	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	11.13	95	123589	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	104956	58.986	ug/l	97
3) Chloromethane	1.32	50	131532	60.679	ug/l	100
4) Vinyl Chloride	1.41	62	120033	49.903	ug/l	100
5) Bromomethane	1.64	94	67200	56.461	ug/l	100
6) Chloroethane	1.71	64	69396	53.011	ug/l	99
7) Trichlorofluoromethane	1.92	101	130138	48.945	ug/l	98
8) Diethyl Ether	2.19	74	60008	47.591	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	82425	48.149	ug/l	97
10) Methyl Iodide	2.51	142	97318	61.425	ug/l	99
11) Tert butyl alcohol	3.06	59	124548	235.961	ug/l	100
12) 1,1-Dichloroethene	2.37	96	86417	48.357	ug/l	93
13) Acrolein	2.29	56	85021	324.846	ug/l	98
14) Allyl chloride	2.73	41	202220	49.430	ug/l	98
15) Acrylonitrile	3.14	53	340950	243.828	ug/l	99
16) Acetone	2.45	43	285298	219.698	ug/l	99
17) Carbon Disulfide	2.57	76	258733	50.139	ug/l	99
18) Methyl Acetate	2.77	43	144143	45.768	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	321301	50.345	ug/l	100
20) Methylene Chloride	2.85	84	104168	47.922	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	93046	48.136	ug/l	96
22) Diisopropyl ether	3.85	45	389622	49.413	ug/l	94
23) Vinyl Acetate	3.81	43	1747914	254.817	ug/l	99
24) 1,1-Dichloroethane	3.70	63	191785	49.125	ug/l	98
25) 2-Butanone	4.67	43	499473	243.354	ug/l	100
26) 2,2-Dichloropropane	4.58	77	128500	46.733	ug/l	90
27) cis-1,2-Dichloroethene	4.59	96	275454	123.944	ug/l	93
28) Bromochloromethane	5.01	49	90835	56.068	ug/l	100
29) Tetrahydrofuran	5.13	42	334543	245.579	ug/l	98
30) Chloroform	5.21	83	171434	49.165	ug/l	99
31) Cyclohexane	5.58	56	186585	47.898	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	140089	49.717	ug/l	99
36) 1,1-Dichloropropene	5.80	75	135538	48.104	ug/l	99
37) Ethyl Acetate	4.84	43	188254	50.055	ug/l	100
38) Carbon Tetrachloride	5.79	117	115295	49.440	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	164737	47.329	ug/l	99
40) Benzene	6.14	78	414215	49.346	ug/l	99
41) Methacrylonitrile	5.04	41	109503	50.653	ug/l	98
42) 1,2-Dichloroethane	6.19	62	146374	48.641	ug/l	99
43) Isopropyl Acetate	6.45	43	297665	50.524	ug/l	99
44) Trichloroethene	7.21	130	125523	64.205	ug/l	97
45) 1,2-Dichloropropane	7.51	63	116594	48.665	ug/l	100
46) Dibromomethane	7.66	93	65954	47.464	ug/l	98
47) Bromodichloromethane	7.90	83	131420	50.160	ug/l	99
48) Methyl methacrylate	7.77	41	152922	51.312	ug/l	99
49) 1,4-Dioxane	7.74	88	48360	866.233	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	995988	262.615	ug/l	100
52) Toluene	8.79	92	248938	50.304	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	151603	51.656	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	167226	49.866	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	99411	50.045	ug/l	99
56) Ethyl methacrylate	9.18	69	189177	52.635	ug/l	99
57) 1,3-Dichloropropane	9.37	76	177832	49.855	ug/l	100
59) 2-Hexanone	9.49	43	748859	254.075	ug/l	99
60) Dibromochloromethane	9.58	129	96927	51.781	ug/l	99
61) 1,2-Dibromoethane	9.67	107	102555	49.592	ug/l	99
64) Tetrachloroethene	9.34	164	310971	179.171	ug/l	99
65) Chlorobenzene	10.14	112	253650	48.847	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	89530	49.146	ug/l	99
67) Ethyl Benzene	10.25	91	472453	48.793	ug/l	98
68) m/p-Xylenes	10.36	106	341401	98.062	ug/l	99
69) o-Xylene	10.70	106	168232	49.862	ug/l	98
70) Styrene	10.71	104	294482	50.634	ug/l	100
71) Bromoform	10.85	173	71814	51.615	ug/l #	98
73) Isopropylbenzene	11.02	105	443698	49.129	ug/l	100
74) N-amyl acetate	10.90	43	260814	49.085	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	159404	46.409	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	139072m	46.454	ug/l	
77) Bromobenzene	11.26	156	108426	49.940	ug/l	97
78) n-propylbenzene	11.36	91	513739	48.854	ug/l	99
79) 2-Chlorotoluene	11.42	91	305072	47.939	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	373763	49.302	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	54776	50.436	ug/l	98
82) 4-Chlorotoluene	11.51	91	353940	48.049	ug/l	99
83) tert-Butylbenzene	11.77	119	355946	48.803	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	378442	49.300	ug/l	100
85) sec-Butylbenzene	11.94	105	426737	49.257	ug/l	99
86) p-Isopropyltoluene	12.06	119	385602	49.590	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	188316	48.450	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	186681	47.431	ug/l	99
89) n-Butylbenzene	12.38	91	359161	49.252	ug/l	99
90) Hexachloroethane	12.60	117	64179	49.763	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	187904	48.691	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35375	46.818	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	131926	49.167	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	66527	51.698	ug/l	99
95) Naphthalene	13.83	128	434244	48.422	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	130553	48.697	ug/l	99

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

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