

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051619\
 Data File : VX009648.D
 Acq On : 17 May 2019 07:57
 Operator : JC/SP
 Sample : K2887-15MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW749-190514MSD

Manual Integrations
 APPROVED

MMDadoda
 5/17/2019 1:21:26 PM

Quant Time: May 17 09:01:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	152170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	249449	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115333	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	108939	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
35) Dibromofluoromethane	5.50	113	81225	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
50) Toluene-d8	8.71	98	315839	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.13	95	119996	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60241	42.960	ug/l	99
3) Chloromethane	1.32	50	93329	48.749	ug/l	99
4) Vinyl Chloride	1.41	62	92403	49.497	ug/l	98
5) Bromomethane	1.64	94	59974	53.524	ug/l	96
6) Chloroethane	1.72	64	59565	49.696	ug/l	99
7) Trichlorofluoromethane	1.93	101	116596	51.381	ug/l	98
8) Diethyl Ether	2.19	74	56095	52.186	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69936	49.077	ug/l	99
10) Methyl Iodide	2.51	142	89368	53.610	ug/l	99
11) Tert butyl alcohol	3.05	59	131493	273.463	ug/l	100
12) 1,1-Dichloroethene	2.37	96	72185	50.557	ug/l	97
13) Acrolein	2.29	56	93904	215.639	ug/l	99
14) Allyl chloride	2.73	41	168997	48.569	ug/l	99
15) Acrylonitrile	3.14	53	318383	270.803	ug/l	100
16) Acetone	2.45	43	277083	248.409	ug/l	98
17) Carbon Disulfide	2.57	76	193329	48.228	ug/l	99
18) Methyl Acetate	2.78	43	136930	51.619	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	297178	53.599	ug/l	100
20) Methylene Chloride	2.85	84	90275	49.985	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	77946	50.338	ug/l	99
22) Diisopropyl ether	3.85	45	357938	53.491	ug/l	97
23) Vinyl Acetate	3.82	43	1562851	272.746	ug/l	100
24) 1,1-Dichloroethane	3.70	63	172976	52.401	ug/l	99
25) 2-Butanone	4.67	43	466857	269.339	ug/l	98
26) 2,2-Dichloropropane	4.59	77	68217	27.763	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	94782	51.282	ug/l	96
28) Bromochloromethane	5.02	49	63756	47.862	ug/l	100
29) Tetrahydrofuran	5.13	42	310162	278.073	ug/l	98
30) Chloroform	5.21	83	160894	53.891	ug/l	100
31) Cyclohexane	5.58	56	155142	50.516	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	130266	52.414	ug/l	99
36) 1,1-Dichloropropene	5.80	75	116821	50.394	ug/l	99
37) Ethyl Acetate	4.84	43	170452	52.773	ug/l	99
38) Carbon Tetrachloride	5.79	117	109737	52.102	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	136011	47.775	ug/l	98
40) Benzene	6.14	78	367977	51.291	ug/l	99
41) Methacrylonitrile	5.04	41	102301	53.208	ug/l	99
42) 1,2-Dichloroethane	6.19	62	136734	53.131	ug/l	99
43) Isopropyl Acetate	6.45	43	277195	53.654	ug/l	99
44) Trichloroethene	7.21	130	88151	50.825	ug/l	100
45) 1,2-Dichloropropane	7.51	63	106209	52.282	ug/l	99
46) Dibromomethane	7.66	93	60419	51.216	ug/l	98
47) Bromodichloromethane	7.90	83	124008	52.698	ug/l	97
48) Methyl methacrylate	7.77	41	141476	55.196	ug/l	99
49) 1,4-Dioxane	7.74	88	51715	994.889	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	939241	278.141	ug/l	99
52) Toluene	8.79	92	222956	51.124	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	131706	49.574	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	143641	48.847	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	93995	52.830	ug/l	97
56) Ethyl methacrylate	9.18	69	172476	54.307	ug/l	98
57) 1,3-Dichloropropane	9.37	76	164451	52.524	ug/l	100
59) 2-Hexanone	9.49	43	734280	276.863	ug/l	98
60) Dibromochloromethane	9.58	129	93903	54.038	ug/l	99
61) 1,2-Dibromoethane	9.67	107	94333	52.525	ug/l	100
64) Tetrachloroethene	9.34	164	85167	53.669	ug/l	99
65) Chlorobenzene	10.14	112	236205	51.040	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	87262	52.010	ug/l	99
67) Ethyl Benzene	10.25	91	431716	50.688	ug/l	100
68) m/p-Xylenes	10.36	106	316719	101.760	ug/l	98
69) o-Xylene	10.69	106	156363	50.918	ug/l	100
70) Styrene	10.71	104	273684	51.277	ug/l	98
71) Bromoform	10.85	173	72259	52.997	ug/l #	99
73) Isopropylbenzene	11.02	105	416871	49.705	ug/l	99
74) N-amyl acetate	10.90	43	255073	52.166	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	158694	50.758	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	135908m	50.801	ug/l	
77) Bromobenzene	11.26	156	104976	50.429	ug/l	99
78) n-propylbenzene	11.36	91	479034	50.013	ug/l	100
79) 2-Chlorotoluene	11.42	91	286469	48.478	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	353587	50.070	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	45296	43.321	ug/l	99
82) 4-Chlorotoluene	11.51	91	331921	49.720	ug/l	100
83) tert-Butylbenzene	11.77	119	344165	50.099	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	353731	49.904	ug/l	100
85) sec-Butylbenzene	11.94	105	401812	49.335	ug/l	100
86) p-Isopropyltoluene	12.06	119	364519	49.785	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	184165	49.628	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	187576	50.137	ug/l	100
89) n-Butylbenzene	12.38	91	324515	49.037	ug/l	100
90) Hexachloroethane	12.60	117	62653	50.227	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	187523	49.613	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36091	51.458	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	131827	51.002	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	63965	48.461	ug/l	99
95) Naphthalene	13.83	128	430440	51.187	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132561	50.595	ug/l	99

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

