

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051619\
 Data File : VX009646.D
 Acq On : 17 May 2019 07:10
 Operator : JC/SP
 Sample : K2887-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MSD

Manual Integrations
 APPROVED

MMDadoda
 5/17/2019 1:21:09 PM

Quant Time: May 17 08:11:18 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	155044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	255401	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118604	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	106543	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
35) Dibromofluoromethane	5.50	113	78566	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
50) Toluene-d8	8.71	98	309362	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
62) 4-Bromofluorobenzene	11.13	95	117568	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	58335	40.829	ug/l	100
3) Chloromethane	1.32	50	91717	47.019	ug/l	99
4) Vinyl Chloride	1.41	62	92396	48.576	ug/l	100
5) Bromomethane	1.64	94	57421	50.296	ug/l	94
6) Chloroethane	1.72	64	59887	49.039	ug/l	100
7) Trichlorofluoromethane	1.93	101	116415	50.350	ug/l	100
8) Diethyl Ether	2.19	74	56593	51.674	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	67499	46.489	ug/l	98
10) Methyl Iodide	2.51	142	92304	54.282	ug/l	99
11) Tert butyl alcohol	3.05	59	126405	258.008	ug/l	100
12) 1,1-Dichloroethene	2.37	96	72482	49.824	ug/l	99
13) Acrolein	2.29	56	93526	210.790	ug/l	98
14) Allyl chloride	2.73	41	171102	48.262	ug/l	99
15) Acrylonitrile	3.14	53	315765	263.598	ug/l	99
16) Acetone	2.45	43	276016	242.866	ug/l	98
17) Carbon Disulfide	2.57	76	193926	47.480	ug/l	99
18) Methyl Acetate	2.78	43	132277	48.940	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	295535	52.315	ug/l	99
20) Methylene Chloride	2.85	84	90758	49.321	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	79441	50.353	ug/l	98
22) Diisopropyl ether	3.85	45	358806	52.627	ug/l	95
23) Vinyl Acetate	3.82	43	1515658	259.607	ug/l	99
24) 1,1-Dichloroethane	3.70	63	173358	51.543	ug/l	100
25) 2-Butanone	4.67	43	465297	263.463	ug/l	100
26) 2,2-Dichloropropane	4.58	77	71191	28.437	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	113209	60.117	ug/l	94
28) Bromochloromethane	5.02	49	64477	47.485	ug/l	98
29) Tetrahydrofuran	5.13	42	308975	271.874	ug/l	98
30) Chloroform	5.21	83	159220	52.341	ug/l	99
31) Cyclohexane	5.58	56	151420	48.390	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	129594	51.177	ug/l	98
36) 1,1-Dichloropropene	5.80	75	117197	49.378	ug/l	100
37) Ethyl Acetate	4.84	43	166846	50.453	ug/l	99
38) Carbon Tetrachloride	5.79	117	107979	50.072	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	131394	45.077	ug/l	98
40) Benzene	6.15	78	367524	50.034	ug/l	99
41) Methacrylonitrile	5.04	41	101354	51.487	ug/l	99
42) 1,2-Dichloroethane	6.19	62	136765	51.904	ug/l	100
43) Isopropyl Acetate	6.45	43	272487	51.513	ug/l	99
44) Trichloroethene	7.21	130	89074	50.160	ug/l	97
45) 1,2-Dichloropropane	7.51	63	106823	51.359	ug/l	99
46) Dibromomethane	7.66	93	60647	50.211	ug/l	99
47) Bromodichloromethane	7.90	83	124784	51.792	ug/l	99
48) Methyl methacrylate	7.77	41	140256	53.445	ug/l	98
49) 1,4-Dioxane	7.74	88	49185	924.166	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	935566	270.596	ug/l	99
52) Toluene	8.78	92	225502	50.503	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	131801	48.453	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	143602	47.696	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	94145	51.681	ug/l	96
56) Ethyl methacrylate	9.18	69	171055	52.604	ug/l	98
57) 1,3-Dichloropropane	9.37	76	164448	51.299	ug/l	100
59) 2-Hexanone	9.49	43	725547	267.195	ug/l	99
60) Dibromochloromethane	9.58	129	94798	53.282	ug/l	100
61) 1,2-Dibromoethane	9.67	107	94736	51.520	ug/l	100
64) Tetrachloroethene	9.34	164	75417	46.869	ug/l	99
65) Chlorobenzene	10.14	112	234514	49.976	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	86787	51.014	ug/l	100
67) Ethyl Benzene	10.25	91	434718	50.337	ug/l	100
68) m/p-Xylenes	10.36	106	316444	100.270	ug/l	98
69) o-Xylene	10.69	106	155697	50.003	ug/l	98
70) Styrene	10.71	104	278502	51.460	ug/l	100
71) Bromoform	10.85	173	71997	52.076	ug/l #	100
73) Isopropylbenzene	11.02	105	414831	48.098	ug/l	99
74) N-amyl acetate	10.90	43	248986	49.517	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	160188	49.822	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	136957m	49.781	ug/l	
77) Bromobenzene	11.26	156	103654	48.421	ug/l	99
78) n-propylbenzene	11.36	91	478222	48.551	ug/l	100
79) 2-Chlorotoluene	11.42	91	287393	47.293	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	350262	48.232	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	44178	41.086	ug/l	96
82) 4-Chlorotoluene	11.51	91	331493	48.286	ug/l	100
83) tert-Butylbenzene	11.77	119	341689	48.367	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	354797	48.674	ug/l	99
85) sec-Butylbenzene	11.94	105	403065	48.124	ug/l	99
86) p-Isopropyltoluene	12.06	119	366848	48.721	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	185264	48.547	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	186132	48.379	ug/l	99
89) n-Butylbenzene	12.38	91	322678	47.415	ug/l	100
90) Hexachloroethane	12.60	117	62414	48.655	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	189671	48.797	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36949	51.229	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	132672	49.914	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	64237	47.325	ug/l	100
95) Naphthalene	13.83	128	434560	50.252	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	134556	49.940	ug/l	99

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

