

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009468.D
 Acq On : 10 May 2019 07:42
 Operator : JC/SP
 Sample : K2782-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW592-190507MSD

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 1:13:02 PM

Quant Time: May 10 09:18:49 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	151808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	251750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112917	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	105334	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	5.50	113	78938	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	8.71	98	310854	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.13	95	116334	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	68217	48.764	ug/l	100
3) Chloromethane	1.32	50	100017	52.367	ug/l	99
4) Vinyl Chloride	1.41	62	100834	54.142	ug/l	97
5) Bromomethane	1.64	94	60676	54.280	ug/l	96
6) Chloroethane	1.71	64	67282	56.269	ug/l	99
7) Trichlorofluoromethane	1.93	101	124966	55.201	ug/l	98
8) Diethyl Ether	2.19	74	57923	54.015	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	74243	52.224	ug/l	99
10) Methyl Iodide	2.51	142	92490	55.444	ug/l	100
11) Tert butyl alcohol	3.05	59	123380	257.202	ug/l	100
12) 1,1-Dichloroethene	2.37	96	79828	56.043	ug/l	98
13) Acrolein	2.29	56	104763	241.149	ug/l	100
14) Allyl chloride	2.73	41	177922	51.256	ug/l	99
15) Acrylonitrile	3.14	53	314242	267.918	ug/l	99
16) Acetone	2.44	43	271309	243.813	ug/l	98
17) Carbon Disulfide	2.57	76	225302	56.338	ug/l	100
18) Methyl Acetate	2.77	43	117556	44.421	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	301806	54.563	ug/l	98
20) Methylene Chloride	2.85	84	94539	52.471	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	85112	55.097	ug/l	98
22) Diisopropyl ether	3.85	45	363738	54.487	ug/l	99
23) Vinyl Acetate	3.81	43	1433418	250.754	ug/l	100
24) 1,1-Dichloroethane	3.70	63	177279	53.832	ug/l	100
25) 2-Butanone	4.67	43	458114	264.925	ug/l	100
26) 2,2-Dichloropropane	4.59	77	84281	34.383	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	99570	54.001	ug/l	95
28) Bromochloromethane	5.02	49	65553	49.417	ug/l	99
29) Tetrahydrofuran	5.13	42	306762	275.680	ug/l	99
30) Chloroform	5.21	83	164728	55.306	ug/l	99
31) Cyclohexane	5.58	56	168853	55.111	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	135599	54.689	ug/l	100
36) 1,1-Dichloropropene	5.80	75	123664	52.858	ug/l	99
37) Ethyl Acetate	4.83	43	155294	47.641	ug/l	99
38) Carbon Tetrachloride	5.78	117	113728	53.503	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	147871	51.466	ug/l	100
40) Benzene	6.14	78	388575	53.667	ug/l	100
41) Methacrylonitrile	5.04	41	97862	50.434	ug/l	98
42) 1,2-Dichloroethane	6.19	62	140313	54.023	ug/l	99
43) Isopropyl Acetate	6.44	43	259635	49.795	ug/l	100
44) Trichloroethene	7.21	130	92371	52.771	ug/l	99
45) 1,2-Dichloropropane	7.51	63	109875	53.592	ug/l	98
46) Dibromomethane	7.66	93	63167	53.056	ug/l	98
47) Bromodichloromethane	7.90	83	126422	53.233	ug/l	99
48) Methyl methacrylate	7.77	41	140293	54.234	ug/l	99
49) 1,4-Dioxane	7.74	88	47526	905.945	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	911663	267.507	ug/l	100
52) Toluene	8.78	92	238152	54.109	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	138137	51.519	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	150330	50.654	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	95697	53.295	ug/l	98
56) Ethyl methacrylate	9.18	69	171055	53.367	ug/l	98
57) 1,3-Dichloropropane	9.37	76	168780	53.414	ug/l	100
59) 2-Hexanone	9.49	43	715007	267.132	ug/l	99
60) Dibromochloromethane	9.58	129	95180	54.272	ug/l	98
61) 1,2-Dibromoethane	9.67	107	97788	53.951	ug/l	100
64) Tetrachloroethene	9.34	164	80855	51.246	ug/l	99
65) Chlorobenzene	10.14	112	242558	52.715	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	89649	53.741	ug/l	98
67) Ethyl Benzene	10.25	91	450598	53.211	ug/l	99
68) m/p-Xylenes	10.36	106	332118	107.324	ug/l	100
69) o-Xylene	10.69	106	162545	53.237	ug/l	99
70) Stvrene	10.71	104	284934	53.693	ug/l	99
71) Bromoform	10.85	173	73475	54.200	ug/l #	100
73) Isopropylbenzene	11.02	105	427287	52.037	ug/l	99
74) N-amyl acetate	10.90	43	228075	47.643	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	161690	52.822	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	135736m	51.822	ug/l	
77) Bromobenzene	11.26	156	108880	53.424	ug/l	98
78) n-propylbenzene	11.36	91	490806	52.338	ug/l	99
79) 2-Chlorotoluene	11.42	91	297776	51.469	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	361892	52.343	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	46826	45.742	ug/l	98
82) 4-Chlorotoluene	11.51	91	339493	51.942	ug/l	100
83) tert-Butylbenzene	11.77	119	355062	52.791	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	365606	52.683	ug/l	100
85) sec-Butylbenzene	11.94	105	410733	51.510	ug/l	99
86) p-Isopropyltoluene	12.06	119	372889	52.018	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	189544	52.170	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	190925	52.124	ug/l	100
89) n-Butylbenzene	12.38	91	327015	50.472	ug/l	99
90) Hexachloroethane	12.60	117	63706	52.164	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	194674	52.607	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35994	52.418	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	133222	52.645	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	64148	49.640	ug/l	99
95) Naphthalene	13.83	128	437693	53.163	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	134283	52.349	ug/l	99

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

