

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010368.D
 Acq On : 20 Jun 2019 19:32
 Operator : JC/SP
 Sample : K3469-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

Manual Integrations
 APPROVED

MMDadoda
 6/21/2019 11:35:31 AM

Quant Time: Jun 21 02:28:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	284319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	435912	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	390551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196602	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	135726	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
35) Dibromofluoromethane	5.50	113	134361	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	8.71	98	508568	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	11.13	95	181217	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	94176	47.644	ug/l	99
3) Chloromethane	1.32	50	104172	45.258	ug/l	100
4) Vinyl Chloride	1.41	62	121363	48.140	ug/l	99
5) Bromomethane	1.64	94	43275	35.234	ug/l	97
6) Chloroethane	1.71	64	75915	51.039	ug/l	99
7) Trichlorofluoromethane	1.93	101	204141	51.080	ug/l	99
8) Diethyl Ether	2.19	74	73538	51.310	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	117773	48.629	ug/l	100
10) Methyl Iodide	2.51	142	98263	28.430	ug/l	99
11) Tert butyl alcohol	3.05	59	168756	241.928	ug/l	99
12) 1,1-Dichloroethene	2.37	96	124954	50.703	ug/l	99
13) Acrolein	2.29	56	89463	193.335	ug/l	98
14) Allyl chloride	2.73	41	182197	52.075	ug/l	100
15) Acrylonitrile	3.14	53	361400	261.683	ug/l	99
16) Acetone	2.45	43	292290	218.779	ug/l	97
17) Carbon Disulfide	2.57	76	331309	50.110	ug/l	99
18) Methyl Acetate	2.78	43	130324	48.944	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	408860	52.737	ug/l	100
20) Methylene Chloride	2.85	84	140492	51.099	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	134515	50.751	ug/l	96
22) Diisopropyl ether	3.86	45	376680	51.493	ug/l #	87
23) Vinyl Acetate	3.82	43	1624810	257.112	ug/l	100
24) 1,1-Dichloroethane	3.70	63	218607	51.700	ug/l	98
25) 2-Butanone	4.67	43	491450	250.772	ug/l	97
26) 2,2-Dichloropropane	4.59	77	173260	47.169	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	158604	51.783	ug/l	99
28) Bromochloromethane	5.01	49	96851	47.906	ug/l	100
29) Tetrahydrofuran	5.13	42	322580	265.742	ug/l	100
30) Chloroform	5.21	83	233124	51.241	ug/l	99
31) Cyclohexane	5.58	56	194620	50.543	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	209611	52.178	ug/l	99
36) 1,1-Dichloropropene	5.80	75	168813	48.734	ug/l	99
37) Ethyl Acetate	4.84	43	179370	50.334	ug/l	100
38) Carbon Tetrachloride	5.79	117	190087	50.676	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	217377	47.740	ug/l	99
40) Benzene	6.14	78	547760	50.756	ug/l	100
41) Methacrylonitrile	5.04	41	100735	51.519	ug/l	99
42) 1,2-Dichloroethane	6.19	62	169582	51.622	ug/l	99
43) Isopropyl Acetate	6.45	43	300094	50.898	ug/l	100
44) Trichloroethene	7.21	130	160288	49.636	ug/l	99
45) 1,2-Dichloropropane	7.51	63	136430	50.061	ug/l	99
46) Dibromomethane	7.66	93	99810	51.045	ug/l	99
47) Bromodichloromethane	7.90	83	184927	51.607	ug/l	99
48) Methyl methacrylate	7.77	41	144769	52.825	ug/l	100
49) 1,4-Dioxane	7.74	88	82784	1048.598	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	973656	258.208	ug/l	100
52) Toluene	8.79	92	357065	50.242	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	203923	50.759	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	223984	51.304	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	149547	51.022	ug/l	99
56) Ethyl methacrylate	9.18	69	229047	51.586	ug/l	100
57) 1,3-Dichloropropane	9.37	76	231882	50.965	ug/l	100
59) 2-Hexanone	9.49	43	743015	250.361	ug/l	100
60) Dibromochloromethane	9.58	129	171708	52.321	ug/l	100
61) 1,2-Dibromoethane	9.67	107	164769	52.081	ug/l	99
64) Tetrachloroethene	9.34	164	142597	45.142	ug/l	98
65) Chlorobenzene	10.13	112	400140	50.466	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	154935	53.645	ug/l	99
67) Ethyl Benzene	10.25	91	679470	50.761	ug/l	99
68) m/p-Xylenes	10.36	106	524271	101.081	ug/l	100
69) o-Xylene	10.69	106	258044	50.591	ug/l	99
70) Styrene	10.71	104	438506	51.264	ug/l	100
71) Bromoform	10.85	173	136405	54.310	ug/l	99
73) Isopropylbenzene	11.02	105	675164	50.661	ug/l	99
74) N-amyl acetate	10.90	43	260687	51.758	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	229499	51.998	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	186598m	52.084	ug/l	
77) Bromobenzene	11.26	156	186242	50.047	ug/l	99
78) n-propylbenzene	11.36	91	749932	51.200	ug/l	100
79) 2-Chlorotoluene	11.42	91	439965	50.443	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	561688	51.125	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	76076	49.539	ug/l	98
82) 4-Chlorotoluene	11.51	91	505403	50.924	ug/l	98
83) tert-Butylbenzene	11.77	119	583241	52.891	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	572063	51.826	ug/l	99
85) sec-Butylbenzene	11.94	105	664053	51.289	ug/l	100
86) p-Isopropyltoluene	12.06	119	614362	51.300	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	323953	49.871	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	322565	48.777	ug/l	100
89) n-Butylbenzene	12.38	91	528374	51.921	ug/l	99
90) Hexachloroethane	12.60	117	111402	53.797	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	319562	49.498	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48520	50.988	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	225370	50.338	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	104754	47.874	ug/l	99
95) Naphthalene	13.83	128	754024	54.804	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	227386	51.081	ug/l	99

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

