

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082018\
 Data File : VX004152.D
 Acq On : 20 Aug 2018 14:56
 Operator : JC/MD
 Sample : VX0820WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

Quant Time: Aug 21 01:02:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	2806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	4114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	2806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	1448	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	3040	76.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	153.78%	
35) Dibromofluoromethane	5.51	113	1894	61.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.02%	
50) Toluene-d8	8.72	98	3799	30.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.86%	
62) 4-Bromofluorobenzene	11.13	95	1357	29.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	44	1.61	ug/l #	43
3) Chloromethane	1.32	50	3051	91.02	ug/l	91
4) Vinyl Chloride	1.41	62	49	1.35	ug/l #	1
5) Bromomethane	1.65	94	802	43.61	ug/l	86
6) Chloroethane	1.76	64	222	7.80	ug/l #	43
9) 1,1,2-Trichlorotrifluoroet	2.40	101	109	3.43	ug/l #	17
10) Methyl Iodide	2.51	142	442	16.74	ug/l #	83
11) Tert butyl alcohol	3.01	59	1162	145.95	ug/l #	73
12) 1,1-Dichloroethene	2.33	96	29	0.98	ug/l #	1
13) Acrolein	2.29	56	64	22.28	ug/l #	1
14) Allyl chloride	2.73	41	20	0.36	ug/l #	1
15) Acrylonitrile	3.14	53	348	17.53	ug/l #	58
16) Acetone	2.43	43	1068	51.96	ug/l	98
17) Carbon Disulfide	2.57	76	473	5.65	ug/l #	1
18) Methyl Acetate	2.78	43	365	7.99	ug/l #	89
19) Methyl tert-butyl Ether	3.19	73	37	0.36	ug/l #	1
20) Methylene Chloride	2.86	84	1053	31.11	ug/l	86
21) trans-1,2-Dichloroethene	3.17	96	98	2.92	ug/l #	58
22) Diisopropyl ether	3.87	45	125	1.14	ug/l #	80
23) Vinyl Acetate	3.82	43	184	2.04	ug/l #	71
24) 1,1-Dichloroethane	3.70	63	25	0.40	ug/l #	82
25) 2-Butanone	4.70	43	185	5.53	ug/l #	48
26) 2,2-Dichloropropane	4.59	77	68	1.37	ug/l #	51
27) cis-1,2-Dichloroethene	4.60	96	71	1.88	ug/l #	71
28) Bromochloromethane	5.01	49	20	0.70	ug/l #	10
29) Tetrahydrofuran	5.16	42	1244	72.80	ug/l #	76
30) Chloroform	5.18	83	20	0.33	ug/l #	19
31) Cyclohexane	5.59	56	43	0.79	ug/l #	15
36) 1,1-Dichloropropene	5.67	75	163	3.48	ug/l #	41
37) Ethyl Acetate	4.84	43	120	2.35	ug/l #	67
38) Carbon Tetrachloride	5.67	117	278	6.11	ug/l #	11
39) Methylcyclohexane	7.47	83	74	1.39	ug/l #	42
40) Benzene	6.15	78	128	0.91	ug/l #	52
41) Methacrylonitrile	5.07	41	31	1.09	ug/l #	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) Isopropyl Acetate	6.46	43	43	0.57	ug/l #	59
48) Methyl methacrylate	7.79	41	22	0.58	ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	232	3.77	ug/l	99
52) Toluene	8.79	92	28	0.31	ug/l #	1
59) 2-Hexanone	9.51	43	44	0.95	ug/l #	22
64) Tetrachloroethene	9.34	164	22	0.83	ug/l #	35
65) Chlorobenzene	10.13	112	115	1.59	ug/l #	45
67) Ethyl Benzene	10.26	91	138	1.20	ug/l #	42
68) m/p-Xylenes	10.37	106	112	2.49	ug/l #	73
70) Styrene	10.71	104	45	0.62	ug/l #	26
73) Isopropylbenzene	11.02	105	52	0.53	ug/l #	50
74) N-amyl acetate	6.46	43	43	0.93	ug/l #	55
76) 1,2,3-Trichloropropane	11.14	75	636	21.90	ug/l #	34
78) n-propylbenzene	11.37	91	194	1.77	ug/l #	52
79) 2-Chlorotoluene	11.42	91	23	0.34	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	49	0.61	ug/l #	27
81) trans-1,4-Dichloro-2-buten	11.14	75	636	67.80	ug/l #	9
82) 4-Chlorotoluene	11.51	91	106	1.34	ug/l #	44
83) tert-Butylbenzene	11.77	119	47	0.58	ug/l #	55
84) 1,2,4-Trimethylbenzene	11.80	105	85	1.02	ug/l #	30
85) sec-Butylbenzene	11.95	105	121	1.28	ug/l #	56
86) p-Isopropyltoluene	12.06	119	94	1.10	ug/l #	51
87) 1,3-Dichlorobenzene	12.02	146	132	2.56	ug/l #	25
88) 1,4-Dichlorobenzene	12.10	146	132	2.49	ug/l #	62
89) n-Butylbenzene	12.39	91	213	3.15	ug/l #	32
91) 1,2-Dichlorobenzene	12.39	146	71	1.53	ug/l #	25
93) 1,2,4-Trichlorobenzene	13.65	180	86	2.71	ug/l #	70
94) Hexachlorobutadiene	13.79	225	65	4.08	ug/l #	45
95) Naphthalene	13.83	128	185	2.93	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.03	180	55	1.59	ug/l #	12

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

