

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010890.D
 Acq On : 15 Jul 2019 17:24
 Operator : JC/SP
 Sample : K3791-11DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0602DL

Quant Time: Jul 16 02:01:03 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	2049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	2134	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	865	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	1161	60.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	120.86%	
35) Dibromofluoromethane	5.49	113	844	64.64	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	129.28%	
50) Toluene-d8	8.72	98	2104	42.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.24%	
62) 4-Bromofluorobenzene	11.14	95	941	52.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	22	1.544	ug/l #	42
3) Chloromethane	1.32	50	404	24.355	ug/l #	78
4) Vinyl Chloride	1.40	62	47	2.587	ug/l #	1
5) Bromomethane	1.65	94	431	48.693	ug/l #	47
6) Chloroethane	1.71	64	2001	186.676	ug/l #	46
7) Trichlorofluoromethane	1.86	101	19	0.660	ug/l #	17
8) Diethyl Ether	2.23	74	75	7.261	ug/l	70
9) 1,1,2-Trichlorotrifluoroet	2.64	101	19	1.089	ug/l #	1
10) Methyl Iodide	2.53	142	137	5.500	ug/l #	44
11) Tert butyl alcohol	3.04	59	1090	216.829	ug/l #	74
12) 1,1-Dichloroethene	2.39	96	76	4.279	ug/l #	44
13) Acrolein	2.28	56	199	59.674	ug/l #	60
14) Allyl chloride	2.84	41	12162	482.341	ug/l #	62
15) Acrylonitrile	3.17	53	3139	315.386	ug/l #	42
16) Acetone	2.39	43	8414	873.894	ug/l #	52
17) Carbon Disulfide	2.57	76	623	13.075	ug/l #	84
18) Methyl Acetate	2.85	43	28931	1507.646	ug/l #	48
19) Methyl tert-butyl Ether	3.14	73	22	0.394	ug/l #	1
20) Methylene Chloride	2.85	84	589	29.726	ug/l #	6
21) trans-1,2-Dichloroethene	3.12	96	19	0.995	ug/l #	1
22) Diisopropyl ether	3.86	45	177	3.357	ug/l #	24
24) 1,1-Dichloroethane	3.70	63	105	3.446	ug/l #	81
25) 2-Butanone	4.70	43	205	14.515	ug/l #	1
26) 2,2-Dichloropropane	4.51	77	23	0.869	ug/l #	49
27) cis-1,2-Dichloroethene	4.51	96	19	0.861	ug/l #	1
28) Bromochloromethane	5.01	49	95	6.520	ug/l #	2
29) Tetrahydrofuran	5.12	42	159	18.175	ug/l #	28
30) Chloroform	5.20	83	226	6.893	ug/l	94
31) Cyclohexane	5.59	56	56018	2018.684	ug/l	91
32) 1,1,1-Trichloroethane	5.66	97	20	0.691	ug/l #	24
36) 1,1-Dichloropropene	5.71	75	98	5.779	ug/l #	1
37) Ethyl Acetate	4.83	43	229	13.127	ug/l #	77
38) Carbon Tetrachloride	5.70	117	52	2.832	ug/l #	11
39) Methylcyclohexane	7.46	83	82710	3710.510	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.10	78	45	0.852	ug/l #	52
41) Methacrylonitrile	5.03	41	70	7.313	ug/l #	1
42) 1,2-Dichloroethane	6.20	62	19	1.181	ug/l #	71
43) Isopropyl Acetate	6.46	43	1380	47.811	ug/l #	61
44) Trichloroethene	7.22	130	24	1.518	ug/l	4
45) 1,2-Dichloropropane	7.46	63	1001	75.029	ug/l #	1
46) Dibromomethane	7.79	93	19	1.985	ug/l #	1
47) Bromodichloromethane	7.95	83	57	3.249	ug/l #	25
48) Methyl methacrylate	7.74	41	3555	264.978	ug/l #	59
51) 4-Methyl-2-Pentanone	8.66	43	1889	102.329	ug/l #	51
52) Toluene	8.85	92	23	0.661	ug/l	90
53) t-1,3-Dichloropropene	9.06	75	25	1.271	ug/l #	1
54) cis-1,3-Dichloropropene	8.43	75	75	3.509	ug/l #	55
55) 1,1,2-Trichloroethane	9.16	97	4842	337.448	ug/l #	19
56) Ethyl methacrylate	9.16	69	1157	53.228	ug/l #	1
57) 1,3-Dichloropropane	9.26	76	56	2.514	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.27	63	22	2.131	ug/l #	44
59) 2-Hexanone	9.35	43	256	17.620	ug/l	63
61) 1,2-Dibromoethane	9.71	107	19	1.227	ug/l #	2
65) Chlorobenzene	10.15	112	51	2.088	ug/l #	43
67) Ethyl Benzene	10.25	91	19023	461.368	ug/l	96
68) m/p-Xylenes	10.35	106	32274	2020.122	ug/l	99
69) o-Xylene	10.69	106	6583	419.001	ug/l	97
70) Styrene	10.70	104	382	14.498	ug/l #	1
73) Isopropylbenzene	11.02	105	67742	1155.291	ug/l	100
74) N-amyl acetate	10.91	43	227	10.244	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	365	18.796	ug/l #	26
76) 1,2,3-Trichloropropane	11.36	75	666	42.252	ug/l #	1
78) n-propylbenzene	11.36	91	103342	1603.596	ug/l	99
79) 2-Chlorotoluene	11.43	91	51487	1341.691	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	164216	3397.203	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.01	75	966	142.970	ug/l #	49
82) 4-Chlorotoluene	11.51	91	17458	399.804	ug/l #	42
83) tert-Butylbenzene	11.77	119	3371	69.481	ug/l	86
84) 1,2,4-Trimethylbenzene	11.80	105	482950	9944.360	ug/l	100
85) sec-Butylbenzene	11.94	105	23944	420.326	ug/l	86
86) p-Isopropyltoluene	12.06	119	19374	367.690	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	198	6.928	ug/l #	31
88) 1,4-Dichlorobenzene	12.10	146	135	4.640	ug/l #	48
89) n-Butylbenzene	12.38	91	17249	385.243	ug/l #	17
90) Hexachloroethane	12.60	117	3370	369.883	ug/l #	5
91) 1,2-Dichlorobenzene	12.39	146	31	1.091	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.01	75	596	142.353	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	27	1.371	ug/l #	1
95) Naphthalene	13.83	128	60690	1002.575	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	82	4.187	ug/l #	1

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

