

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010889.D
 Acq On : 15 Jul 2019 17:01
 Operator : JC/SP
 Sample : K3791-13DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604DL

Quant Time: Jul 16 03:39:40 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	5.66	168	2384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	3005	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	2068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	1810	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	1714	76.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	153.36%	
35) Dibromofluoromethane	5.49	113	1112	60.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	120.96%	
50) Toluene-d8	8.72	98	3481	49.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.14	95	1560	61.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	122.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	22	1.327	ug/l #	42
3) Chloromethane	1.33	50	586	30.363	ug/l #	80
4) Vinyl Chloride	1.41	62	128	6.055	ug/l	91
5) Bromomethane	1.65	94	183	17.770	ug/l	96
6) Chloroethane	1.71	64	2350	188.428	ug/l #	75
7) Trichlorofluoromethane	1.94	101	19	0.567	ug/l #	17
8) Diethyl Ether	2.09	74	60	4.993	ug/l	57
9) 1,1,2-Trichlorotrifluoroet	2.39	101	85	4.186	ug/l #	1
10) Methyl Iodide	2.52	142	207	7.142	ug/l #	78
11) Tert butyl alcohol	3.03	59	550	94.035	ug/l #	74
12) 1,1-Dichloroethene	2.47	96	40	1.936	ug/l #	1
13) Acrolein	2.39	56	11263	2902.831	ug/l #	77
14) Allyl chloride	2.84	41	37439	1276.172	ug/l #	63
15) Acrylonitrile	3.18	53	7366	636.089	ug/l #	40
16) Acetone	2.39	43	29330	2618.206	ug/l #	46
17) Carbon Disulfide	2.57	76	629	11.346	ug/l #	71
18) Methyl Acetate	2.85	43	80919	3624.283	ug/l #	48
19) Methyl tert-butyl Ether	3.16	73	60	0.923	ug/l #	1
20) Methylene Chloride	2.87	84	1108	48.062	ug/l #	1
21) trans-1,2-Dichloroethene	3.22	96	21	0.945	ug/l #	1
22) Diisopropyl ether	3.85	45	213	3.473	ug/l #	61
24) 1,1-Dichloroethane	3.68	63	20	0.564	ug/l #	81
25) 2-Butanone	4.70	43	675	41.077	ug/l #	46
26) 2,2-Dichloropropane	4.40	77	2163	70.229	ug/l #	49
27) cis-1,2-Dichloroethene	4.56	96	20	0.779	ug/l #	1
28) Bromochloromethane	5.01	49	191	11.267	ug/l #	2
29) Tetrahydrofuran	5.14	42	184	18.078	ug/l #	28
30) Chloroform	5.28	83	770	20.185	ug/l	88
31) Cyclohexane	5.59	56	116403	3605.294	ug/l	96
32) 1,1,1-Trichloroethane	5.41	97	19	0.564	ug/l #	1
36) 1,1-Dichloropropene	5.81	75	23	0.963	ug/l #	38
37) Ethyl Acetate	4.84	43	141	5.740	ug/l #	66
38) Carbon Tetrachloride	5.65	117	161	6.226	ug/l #	11
39) Methylcyclohexane	7.46	83	145993	4651.120	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.14	78	52	0.699	ug/l #	52
41) Methacrylonitrile	5.06	41	337	25.002	ug/l #	37
42) 1,2-Dichloroethane	6.23	62	63	2.782	ug/l #	71
43) Isopropyl Acetate	6.46	43	1975	48.592	ug/l #	62
45) 1,2-Dichloropropane	7.54	63	74	3.939	ug/l #	44
46) Dibromomethane	7.68	93	50	3.709	ug/l #	1
47) Bromodichloromethane	7.93	83	93	3.765	ug/l #	25
48) Methyl methacrylate	7.73	41	8103	428.910	ug/l #	58
49) 1,4-Dioxane	7.54	88	25	45.936	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	2356	90.635	ug/l #	64
52) Toluene	8.79	92	102	2.082	ug/l #	74
53) t-1,3-Dichloropropene	8.99	75	24	0.867	ug/l #	1
54) cis-1,3-Dichloropropene	8.26	75	21	0.698	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	6347	314.123	ug/l #	21
56) Ethyl methacrylate	9.16	69	1404	45.870	ug/l #	1
57) 1,3-Dichloropropane	9.33	76	19	0.606	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.29	63	69	4.747	ug/l #	44
59) 2-Hexanone	9.51	43	129	6.305	ug/l #	42
60) Dibromochloromethane	9.63	129	23	1.017	ug/l #	11
64) Tetrachloroethene	9.44	164	20	1.196	ug/l #	1
65) Chlorobenzene	10.13	112	52	1.239	ug/l #	43
67) Ethyl Benzene	10.25	91	117676	1660.243	ug/l	99
68) m/p-Xylenes	10.36	106	42167	1535.368	ug/l	99
69) o-Xylene	10.70	106	964	35.693	ug/l	84
70) Styrene	10.70	104	174	3.842	ug/l #	12
73) Isopropylbenzene	11.02	105	54995	448.223	ug/l	99
74) N-ethyl acetate	10.92	43	500	10.783	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	605	14.889	ug/l #	29
76) 1,2,3-Trichloropropane	11.27	75	60	1.819	ug/l #	31
77) Bromobenzene	11.44	156	23	0.671	ug/l #	1
78) n-propylbenzene	11.36	91	119890	889.075	ug/l	97
79) 2-Chlorotoluene	11.45	91	19470	242.470	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	105291	1040.962	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	709	50.148	ug/l #	16
82) 4-Chlorotoluene	11.51	91	11853	129.723	ug/l #	43
83) tert-Butylbenzene	11.77	119	1684	16.588	ug/l #	46
84) 1,2,4-Trimethylbenzene	11.80	105	352110	3464.899	ug/l	99
85) sec-Butylbenzene	11.94	105	17194	144.246	ug/l	82
86) p-Isopropyltoluene	12.06	119	15924	144.428	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	190	3.177	ug/l #	67
88) 1,4-Dichlorobenzene	12.10	146	144	2.365	ug/l #	70
89) n-Butylbenzene	12.38	91	17914	191.206	ug/l #	30
90) Hexachloroethane	12.61	117	3427	179.757	ug/l #	5
91) 1,2-Dichlorobenzene	12.38	146	100	1.682	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	431	49.197	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	179	4.343	ug/l #	1
94) Hexachlorobutadiene	13.79	225	21	1.042	ug/l #	19
95) Naphthalene	13.83	128	32593	257.313	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.02	180	98	2.391	ug/l #	1

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

