

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013778.D
 Acq On : 05 Dec 2019 15:49
 Operator : JC/SP
 Sample : K6099-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-3

Quant Time: Dec 06 02:28:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	4136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	572992	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	494986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	4079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	219737	4576.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9153.88%	
35) Dibromofluoromethane	5.50	113	2449	0.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.38%	
50) Toluene-d8	8.71	98	675611	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.14	95	220974	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.80%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	74	1.607	ug/l #	43
3) Chloromethane	1.31	50	996	19.282	ug/l #	66
4) Vinyl Chloride	1.42	62	831	14.293	ug/l #	42
5) Bromomethane	1.64	94	873	22.359	ug/l #	68
6) Chloroethane	1.69	64	590	17.833	ug/l #	66
7) Trichlorofluoromethane	1.93	101	489	7.575	ug/l #	49
8) Diethyl Ether	2.17	74	852	29.171	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102	2.587	ug/l #	1
10) Methyl Iodide	2.50	142	290	6.080	ug/l #	1
11) Tert butyl alcohol	3.04	59	1323	111.643	ug/l #	1
12) 1,1-Dichloroethene	2.35	96	273	6.936	ug/l #	40
13) Acrolein	2.28	56	1588	201.566	ug/l	89
14) Allyl chloride	2.72	41	346	4.844	ug/l #	18
15) Acrylonitrile	3.13	53	293	11.978	ug/l #	1
16) Acetone	2.43	43	30978	1306.926	ug/l	93
17) Carbon Disulfide	2.57	76	1270	11.318	ug/l #	83
18) Methyl Acetate	2.76	43	2068	31.332	ug/l #	53
19) Methyl tert-butyl Ether	3.19	73	170	1.304	ug/l #	53
20) Methylene Chloride	2.84	84	655	14.384	ug/l #	47
21) trans-1,2-Dichloroethene	3.15	96	260	6.063	ug/l #	13
22) Diisopropyl ether	3.81	45	438	3.184	ug/l #	70
23) Vinyl Acetate	3.81	43	282	2.465	ug/l #	1
24) 1,1-Dichloroethane	3.68	63	827	10.999	ug/l #	83
25) 2-Butanone	4.67	43	3736	106.055	ug/l #	70
26) 2,2-Dichloropropane	4.68	77	439	7.057	ug/l	84
27) cis-1,2-Dichloroethene	4.54	96	351	7.128	ug/l	30
28) Bromochloromethane	5.01	49	156641	5273.064	ug/l	98
29) Tetrahydrofuran	5.10	42	651	29.977	ug/l #	32
30) Chloroform	4.91	83	476	6.242	ug/l	98
31) Cyclohexane	5.58	56	1931	27.228	ug/l #	16
32) 1,1,1-Trichloroethane	5.50	97	160	2.511	ug/l #	1
41) Methacrylonitrile	5.03	41	652	0.204	ug/l #	28
49) 1,4-Dioxane	7.72	88	540	5.169	ug/l #	23
51) 4-Methyl-2-Pentanone	8.64	43	53479	8.850	ug/l	100

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

73) Isopropylbenzene	10.97	105	318	1.111	ug/l	82
74) N-amyl acetate	10.91	43	1794	13.687	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	11.26	83	205	2.066	ug/l #	19
76) 1,2,3-Trichloropropane	11.14	75	105293	1147.684	ug/l #	40
77) Bromobenzene	11.45	156	216	2.794	ug/l	74
78) n-propylbenzene	11.28	91	387	1.212	ug/l	87
79) 2-Chlorotoluene	11.42	91	763	3.982	ug/l	96
80) 1,3,5-Trimethylbenzene	11.56	105	197	0.840	ug/l	80
81) trans-1,4-Dichloro-2-buten	11.14	75	105293	3139.859	ug/l #	11
82) 4-Chlorotoluene	11.42	91	763	3.438	ug/l	98
83) tert-Butylbenzene	11.75	119	112	0.470	ug/l #	1
84) 1,2,4-Trimethylbenzene	11.81	105	1445	6.071	ug/l	77
85) sec-Butylbenzene	11.84	105	576	2.116	ug/l	89
86) p-Isopropyltoluene	12.06	119	875	3.455	ug/l #	81
87) 1,3-Dichlorobenzene	12.21	146	330	2.449	ug/l	68
88) 1,4-Dichlorobenzene	12.09	146	625	4.554	ug/l #	36
89) n-Butylbenzene	12.40	91	921	4.264	ug/l #	32
90) Hexachloroethane	12.58	117	266	5.811	ug/l	55
91) 1,2-Dichlorobenzene	12.21	146	330	2.479	ug/l	70
92) 1,2-Dibromo-3-Chloropropan	13.03	75	377	17.447	ug/l	61
93) 1,2,4-Trichlorobenzene	13.64	180	373	4.020	ug/l #	54
94) Hexachlorobutadiene	13.71	225	127	2.849	ug/l	70
95) Naphthalene	13.83	128	2806	10.155	ug/l	98
96) 1,2,3-Trichlorobenzene	14.00	180	737	8.023	ug/l #	20

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

