

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082819\
 Data File : VX011880.D
 Acq On : 28 Aug 2019 20:39
 Operator : SY/SP
 Sample : MDL03
 Misc : 5.00µ/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL03

Quant Time: Aug 29 12:16:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 12:09:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	305410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	450175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	420030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	228756	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	157742	58.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.40%	
35) Dibromofluoromethane	5.49	113	140747	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	8.71	98	548493	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
62) 4-Bromofluorobenzene	11.13	95	213246	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	5060	2.672	ug/l	88
3) Chloromethane	1.32	50	9204	3.833	ug/l	88
4) Vinyl Chloride	1.40	62	5579	2.547	ug/l	99
5) Bromomethane	1.64	94	4834	3.763	ug/l	98
6) Chloroethane	1.72	64	3266	2.328	ug/l	96
7) Trichlorofluoromethane	1.92	101	8381	2.328	ug/l	99
8) Diethyl Ether	2.18	74	3127	2.848	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	5818	2.514	ug/l	97
11) Tert butyl alcohol	3.03	59	5472	27.609	ug/l #	93
12) 1,1-Dichloroethene	2.37	96	6068	2.650	ug/l	96
13) Acrolein	2.28	56	3165	30.976	ug/l #	62
14) Allyl chloride	2.72	41	9788	2.531	ug/l	97
15) Acrylonitrile	3.14	53	8227	14.099	ug/l	95
16) Acetone	2.43	43	67178	72.847	ug/l	97
17) Carbon Disulfide	2.56	76	16043	2.321	ug/l	99
18) Methyl Acetate	2.76	43	11786	5.826	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	17331	2.785	ug/l	98
20) Methylene Chloride	2.85	84	14693	5.185	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	7024	2.713	ug/l	94
22) Diisopropyl ether	3.85	45	21251	2.768	ug/l	95
23) Vinyl Acetate	3.81	43	36939	10.932	ug/l	97
24) 1,1-Dichloroethane	3.68	63	11086	2.449	ug/l #	93
25) 2-Butanone	4.67	43	12719	16.019	ug/l	96
26) 2,2-Dichloropropane	4.58	77	6932	1.878	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	7356	2.490	ug/l	86
28) Bromochloromethane	5.01	49	5613	2.761	ug/l	97
29) Tetrahydrofuran	5.13	42	7978	16.979	ug/l	95
30) Chloroform	5.20	83	14151	2.987	ug/l	96
31) Cyclohexane	5.57	56	9050	2.296	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	9960	2.338	ug/l	96
36) 1,1-Dichloropropene	5.80	75	8641	2.334	ug/l	98
37) Ethyl Acetate	4.83	43	4344	2.790	ug/l #	81
38) Carbon Tetrachloride	5.77	117	7349	2.037	ug/l	90
39) Methylcyclohexane	7.46	83	10563	2.334	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.14	78	26230	2.456	ug/l	99
41) Methacrylonitrile	5.04	41	2857	2.705	ug/l	89
42) 1,2-Dichloroethane	6.19	62	9234	2.723	ug/l	88
43) Isopropyl Acetate	6.44	43	7662	2.505	ug/l #	93
44) Trichloroethene	7.21	130	9383	2.613	ug/l	98
45) 1,2-Dichloropropane	7.51	63	6256	2.354	ug/l	99
46) Dibromomethane	7.66	93	4278	2.717	ug/l	96
47) Bromodichloromethane	7.89	83	8434	2.278	ug/l	99
48) Methyl methacrylate	7.77	41	3773	2.466	ug/l	95
49) 1,4-Dioxane	7.74	88	1749	106.101	ug/l #	86
51) 4-Methyl-2-Pentanone	8.63	43	34896	28.319	ug/l	100
52) Toluene	8.78	92	16867	2.450	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	6284	1.992	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	8582	2.155	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	5131	2.501	ug/l	92
56) Ethyl methacrylate	9.18	69	4879	2.439	ug/l	93
57) 1,3-Dichloropropane	9.37	76	8215	2.409	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.31	63	6457	10.830	ug/l	94
59) 2-Hexanone	9.49	43	25829	32.800	ug/l	99
60) Dibromochloromethane	9.58	129	6033	2.209	ug/l	96
61) 1,2-Dibromoethane	9.67	107	5066	2.522	ug/l	96
64) Tetrachloroethene	9.33	164	10265	2.511	ug/l	97
65) Chlorobenzene	10.13	112	20024	2.574	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	5994	2.100	ug/l #	66
67) Ethyl Benzene	10.25	91	34291	2.566	ug/l	98
68) m/p-Xylenes	10.35	106	26813	5.272	ug/l	97
69) o-Xylene	10.69	106	13423	2.805	ug/l	97
70) Stvrene	10.71	104	20862	2.636	ug/l	99
71) Bromoform	10.85	173	3986	2.156	ug/l #	96
73) Isopropylbenzene	11.01	105	40454	3.062	ug/l	99
74) N-amyl acetate	6.44	43	7662	2.303	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	4942	2.236	ug/l	86
76) 1,2,3-Trichloropropane	11.29	75	4065m	2.393	ug/l	
77) Bromobenzene	11.25	156	10212	2.773	ug/l	97
78) n-propylbenzene	11.35	91	49151	3.382	ug/l	99
79) 2-Chlorotoluene	11.42	91	25291	2.777	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	34937	3.152	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	905m	1.896	ug/l	
82) 4-Chlorotoluene	11.51	91	31109	2.947	ug/l	100
83) tert-Butylbenzene	11.77	119	35765	3.472	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	38055	3.620	ug/l	97
85) sec-Butylbenzene	11.94	105	48607	4.062	ug/l	100
86) p-Isopropyltoluene	12.06	119	46792	4.246	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	20540	3.106	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	21558	3.366	ug/l	92
89) n-Butylbenzene	12.38	91	44569	4.875	ug/l	100
90) Hexachloroethane	12.59	117	3110	1.758	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	20108	3.562	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	807	2.593	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	20603	5.259	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	13114	4.591	ug/l	96
95) Naphthalene	13.83	128	31978	6.788	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	18877	5.938	ug/l	96

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

