

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082819\
 Data File : VX011879.D
 Acq On : 28 Aug 2019 20:13
 Operator : SY/SP
 Sample : MDL02
 Misc : 5.00µ/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

Quant Time: Aug 29 12:14:58 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	309184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	460637	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	424925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	231334	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	149280	54.41	ug/l	0.00
Spiked Amount						
			Recovery	=	108.82%	
35) Dibromofluoromethane	5.49	113	131501	46.98	ug/l	0.00
Spiked Amount						
			Recovery	=	93.96%	
50) Toluene-d8	8.71	98	513509	49.28	ug/l	0.00
Spiked Amount						
			Recovery	=	98.56%	
62) 4-Bromofluorobenzene	11.13	95	199864	48.08	ug/l	0.00
Spiked Amount						
			Recovery	=	96.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	5337	2.784	ug/l	98
3) Chloromethane	1.32	50	8858	3.644	ug/l	97
4) Vinyl Chloride	1.40	62	6064	2.734	ug/l	97
5) Bromomethane	1.64	94	4876	3.750	ug/l	87
6) Chloroethane	1.72	64	3526	2.483	ug/l	95
7) Trichlorofluoromethane	1.92	101	9115	2.500	ug/l	99
8) Diethyl Ether	2.18	74	3756	3.379	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.37	101	5891	2.515	ug/l	97
11) Tert butyl alcohol	3.03	59	6093	30.367	ug/l #	87
12) 1,1-Dichloroethene	2.37	96	6270	2.705	ug/l	97
13) Acrolein	2.28	56	3648	35.267	ug/l	97
14) Allyl chloride	2.72	41	10050	2.567	ug/l	97
15) Acrylonitrile	3.14	53	8479	14.353	ug/l	98
16) Acetone	2.43	43	64382	68.963	ug/l	98
17) Carbon Disulfide	2.56	76	16736	2.392	ug/l	97
18) Methyl Acetate	2.76	43	12206	5.960	ug/l	95
19) Methyl tert-butyl Ether	3.18	73	18816	2.987	ug/l	98
20) Methylene Chloride	2.85	84	15793	5.505	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	6631	2.530	ug/l	94
22) Diisopropyl ether	3.84	45	23119	2.974	ug/l	91
23) Vinyl Acetate	3.81	43	38471	11.246	ug/l	99
24) 1,1-Dichloroethane	3.69	63	12088	2.637	ug/l	93
25) 2-Butanone	4.67	43	13175	16.391	ug/l	94
26) 2,2-Dichloropropane	4.57	77	7952	2.128	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	7646	2.557	ug/l	86
28) Bromochloromethane	5.01	49	6736	3.273	ug/l	98
29) Tetrahydrofuran	5.13	42	8198	17.235	ug/l	95
30) Chloroform	5.20	83	15382	3.207	ug/l	95
31) Cyclohexane	5.57	56	10080	2.526	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	10777	2.499	ug/l	97
36) 1,1-Dichloropropene	5.79	75	9259	2.444	ug/l	98
37) Ethyl Acetate	4.84	43	3928	2.465	ug/l #	95
38) Carbon Tetrachloride	5.77	117	7670	2.077	ug/l	94
39) Methylcyclohexane	7.46	83	10713	2.313	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.13	78	27312	2.499	ug/l	97
41) Methacrylonitrile	5.05	41	3528	3.264	ug/l #	45
42) 1,2-Dichloroethane	6.19	62	9775	2.817	ug/l	85
43) Isopropyl Acetate	6.44	43	8361	2.671	ug/l	95
44) Trichloroethene	7.20	130	9929	2.703	ug/l	98
45) 1,2-Dichloropropane	7.51	63	6798	2.500	ug/l	90
46) Dibromomethane	7.65	93	4556	2.828	ug/l	89
47) Bromodichloromethane	7.90	83	9090	2.399	ug/l	96
48) Methyl methacrylate	7.77	41	4208	2.688	ug/l	96
49) 1,4-Dioxane	7.74	88	2050	121.537	ug/l #	80
51) 4-Methyl-2-Pentanone	8.63	43	36407	28.874	ug/l	100
52) Toluene	8.78	92	18219	2.587	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	6446	1.997	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	9000	2.209	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	5685	2.708	ug/l	96
56) Ethyl methacrylate	9.18	69	5137	2.509	ug/l #	89
57) 1,3-Dichloropropane	9.37	76	8989	2.576	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.31	63	6939	11.374	ug/l	93
59) 2-Hexanone	9.49	43	27851	34.564	ug/l	99
60) Dibromochloromethane	9.58	129	6730	2.409	ug/l	96
61) 1,2-Dibromoethane	9.66	107	5355	2.605	ug/l	92
64) Tetrachloroethene	9.33	164	10836	2.621	ug/l	96
65) Chlorobenzene	10.13	112	21159	2.689	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	6472	2.242	ug/l	96
67) Ethyl Benzene	10.25	91	36712	2.716	ug/l	98
68) m/p-Xylenes	10.35	106	28487	5.536	ug/l	99
69) o-Xylene	10.69	106	14306	2.955	ug/l	96
70) Stvrene	10.71	104	21433	2.677	ug/l	96
71) Bromoform	10.85	173	4384	2.344	ug/l #	95
73) Isopropylbenzene	11.01	105	44390	3.323	ug/l	100
74) N-amyl acetate	6.44	43	8361	2.485	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	5853	2.618	ug/l	94
76) 1,2,3-Trichloropropane	11.29	75	4273m	2.487	ug/l	
77) Bromobenzene	11.25	156	10733	2.882	ug/l	98
78) n-propylbenzene	11.35	91	51126	3.479	ug/l	99
79) 2-Chlorotoluene	11.41	91	26740	2.904	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	36286	3.238	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	1024m	2.121	ug/l	
82) 4-Chlorotoluene	11.51	91	33279	3.117	ug/l	99
83) tert-Butylbenzene	11.77	119	38439	3.690	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	40536	3.813	ug/l	100
85) sec-Butylbenzene	11.94	105	52258	4.319	ug/l	98
86) p-Isopropyltoluene	12.06	119	49636	4.454	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	21814	3.262	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	22689	3.503	ug/l	90
89) n-Butylbenzene	12.38	91	45518	4.923	ug/l	99
90) Hexachloroethane	12.59	117	3196	1.787	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	21436	3.755	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	922	2.930	ug/l	90
93) 1,2,4-Trichlorobenzene	13.64	180	21629	5.459	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	12637	4.374	ug/l	100
95) Naphthalene	13.83	128	34680	7.280	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	20402	6.346	ug/l	99

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

