

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042219\
 Data File : VF062246.D
 Acq On : 22 Apr 2019 15:56
 Operator : FY/SY
 Sample : K2475-01RE
 Misc : 6.22g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-TRACK-8-9RE

Quant Time: Apr 23 01:07:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.14	168	82	50.00	ug/l	0.11
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.76
63) Chlorobenzene-d5	9.95	117	123	50.00	ug/l	0.06
72) 1,4-Dichlorobenzene-d4	12.54	152	71	50.00	ug/l	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.12	65	203	269.98	ug/l	0.11
Spiked Amount	50.000		Recovery	=	539.96%	
35) Dibromofluoromethane	4.29	113	66	0.00	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	7.70	98	99	0.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	11.48	95	107	0.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.02	85	150	120.371	ug/l #	42
3) Chloromethane	1.14	50	95	73.757	ug/l #	41
4) Vinyl Chloride	1.26	62	75	67.776	ug/l #	42
5) Bromomethane	1.42	94	137	213.118	ug/l	97
6) Chloroethane	1.49	64	83	179.419	ug/l #	41
7) Trichlorofluoromethane	1.57	101	60	42.680	ug/l #	20
8) Diethyl Ether	1.77	74	65	222.156	ug/l #	1
10) Methyl Iodide	1.97	142	79	46.304	ug/l #	42
11) Tert butyl alcohol	2.75	59	59	1128.856	ug/l #	1
12) 1,1-Dichloroethene	1.93	96	91	99.623	ug/l #	1
13) Acrolein	2.09	56	491	5355.326	ug/l #	75
14) Allyl chloride	2.25	41	830	791.761	ug/l #	54
15) Acrylonitrile	3.13	53	122	766.390	ug/l #	81
16) Acetone	2.41	43	1408	7834.269	ug/l	95
17) Carbon Disulfide	1.86	76	59	23.244	ug/l #	71
18) Methyl Acetate	2.51	43	1715	5008.549	ug/l #	83
19) Methyl tert-butyl Ether	2.61	73	704	436.516	ug/l #	58
20) Methylene Chloride	2.40	84	70	83.498	ug/l #	1
21) trans-1,2-Dichloroethene	2.44	96	604	668.643	ug/l #	1
22) Diisopropyl ether	3.01	45	381	142.082	ug/l #	30
23) Vinyl Acetate	3.38	43	1063	832.019	ug/l #	79
24) 1,1-Dichloroethane	3.18	63	88	59.991	ug/l #	88
25) 2-Butanone	4.60	43	938	2610.167	ug/l #	56
26) 2,2-Dichloropropane	3.90	77	720	972.193	ug/l	99
27) cis-1,2-Dichloroethene	3.68	96	363	310.313	ug/l	29
28) Bromochloromethane	3.85	49	66	93.925	ug/l #	8
29) Tetrahydrofuran	4.37	42	397	2440.663	ug/l #	53
30) Chloroform	4.14	83	96	53.251	ug/l #	18
31) Cyclohexane	3.93	56	108	61.436	ug/l #	17
32) 1,1,1-Trichloroethane	4.36	97	67	50.773	ug/l #	7
65) Chlorobenzene	9.70	112	66	25.165	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	10.15	131	76	61.879	ug/l #	1
67) Ethyl Benzene	10.01	91	87	18.242	ug/l #	44
70) Styrene	10.86	104	76	27.629	ug/l #	31

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73) Isopropylbenzene	11.22	105	73	11.969	ug/l #	49
74) N-amyl acetate	11.39	43	1511	1089.872	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	11.76	83	359	342.272	ug/l #	95
76) 1,2,3-Trichloropropane	11.84	75	60	83.145	ug/l #	1
77) Bromobenzene	11.56	156	74	56.639	ug/l #	1
78) n-propylbenzene	11.67	91	206	32.018	ug/l #	53
79) 2-Chlorotoluene	11.84	91	407	104.285	ug/l #	74
80) 1,3,5-Trimethylbenzene	11.92	105	256	50.397	ug/l #	26
81) trans-1,4-Dichloro-2-buten	11.91	75	68	184.768	ug/l #	1
82) 4-Chlorotoluene	11.91	91	292	77.418	ug/l #	93
83) tert-Butylbenzene	12.22	119	61	11.612	ug/l #	23
84) 1,2,4-Trimethylbenzene	12.25	105	154	31.329	ug/l #	29
85) sec-Butylbenzene	12.38	105	532	78.008	ug/l #	98
86) p-Isopropyltoluene	12.49	119	167	28.867	ug/l #	1
87) 1,3-Dichlorobenzene	12.54	146	68	28.047	ug/l #	24
88) 1,4-Dichlorobenzene	12.54	146	68	29.078	ug/l #	23
89) n-Butylbenzene	12.91	91	455	100.921	ug/l #	53
90) Hexachloroethane	13.00	117	151	101.646	ug/l #	12
91) 1,2-Dichlorobenzene	12.97	146	66	28.192	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.66	75	60	291.155	ug/l #	1
95) Naphthalene	14.52	128	260	75.915	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.57	180	61	32.439	ug/l #	12

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

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