

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042219\
 Data File : VF062247.D
 Acq On : 22 Apr 2019 16:19
 Operator : FY/SY
 Sample : K2475-03RE
 Misc : 5.41g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-TRACK-70-71RE

Quant Time: Apr 23 01:07:33 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	5.07	168	7383	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.79	114	5656	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	1081	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	12.65	152	67	50.00	ug/l	0.04

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.95	65	164	2.42	ug/l	-0.07
Spiked Amount	50.000		Recovery	=	4.84%	
35) Dibromofluoromethane	4.32	113	1526	30.84	ug/l	0.02
Spiked Amount	50.000		Recovery	=	61.68%	
50) Toluene-d8	7.71	98	3282	26.21	ug/l	0.01
Spiked Amount	50.000		Recovery	=	52.42%	
62) 4-Bromofluorobenzene	11.52	95	170	3.53	ug/l	0.04
Spiked Amount	50.000		Recovery	=	7.06%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.07	85	137	1.221 ug/l #	42
3) Chloromethane	1.16	50	238	2.052 ug/l #	1
5) Bromomethane	1.35	94	171	2.954 ug/l #	6
6) Chloroethane	1.49	64	69	1.657 ug/l #	41
8) Diethyl Ether	1.73	74	67	2.543 ug/l #	1
11) Tert butyl alcohol	2.72	59	250	53.126 ug/l #	1
12) 1,1-Dichloroethene	1.90	96	446	5.423 ug/l #	1
13) Acrolein	2.09	56	448	215.201 ug/l #	57
14) Allyl chloride	2.20	41	434	4.598 ug/l #	57
15) Acrylonitrile	3.11	53	367	25.606 ug/l #	18
16) Acetone	2.35	43	613	37.882 ug/l #	52
18) Methyl Acetate	2.48	43	743	17.524 ug/l #	83
19) Methyl tert-butyl Ether	2.56	73	198	1.364 ug/l #	7
20) Methylene Chloride	2.36	84	124	Below Cal #	11
21) trans-1,2-Dichloroethene	2.44	96	213	2.619 ug/l #	1
22) Diisopropyl ether	2.94	45	438	1.814 ug/l #	46
23) Vinyl Acetate	3.41	43	256	2.225 ug/l #	79
25) 2-Butanone	4.56	43	528	16.319 ug/l #	56
26) 2,2-Dichloropropane	3.87	77	1061	15.912 ug/l	97
27) cis-1,2-Dichloroethene	3.68	96	237	2.250 ug/l #	19
28) Bromochloromethane	3.91	49	149	2.355 ug/l #	52
29) Tetrahydrofuran	4.26	42	132	9.013 ug/l #	1
30) Chloroform	4.09	83	169	1.041 ug/l	85
31) Cyclohexane	3.89	56	896	5.661 ug/l #	27
36) 1,1-Dichloropropene	4.49	75	141	2.079 ug/l #	19
37) Ethyl Acetate	4.35	43	770	24.063 ug/l #	98
39) Methylcyclohexane	5.66	83	172	2.118 ug/l #	64
40) Benzene	4.82	78	525	2.952 ug/l #	63
41) Methacrylonitrile	4.98	41	381	20.641 ug/l #	23
42) 1,2-Dichloroethane	5.04	62	85	1.808 ug/l #	1
43) Isopropyl Acetate	7.14	43	1713	50.898 ug/l #	63
45) 1,2-Dichloropropane	6.46	63	63	1.608 ug/l #	42
46) Dibromomethane	6.29	93	103	3.951 ug/l #	3
47) Bromodichloromethane	6.60	83	141	2.397 ug/l #	43

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Methyl methacrylate	6.89	41	486	21.973	ug/l #	76
49) 1,4-Dioxane	6.84	88	63	248.367	ug/l #	1
51) 4-Methyl-2-Pentanone	8.23	43	389	15.540	ug/l	95
52) Toluene	7.79	92	152	1.621	ug/l #	1
53) t-1,3-Dichloropropene	8.49	75	173	3.916	ug/l #	44
54) cis-1,3-Dichloropropene	7.50	75	66	1.104	ug/l #	29
55) 1,1,2-Trichloroethane	8.66	97	76	2.894	ug/l #	16
56) Ethyl methacrylate	8.76	69	222	7.434	ug/l #	1
57) 1,3-Dichloropropane	9.00	76	73	1.721	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.39	63	64	7.382	ug/l #	48
59) 2-Hexanone	9.67	43	863	55.391	ug/l	69
61) 1,2-Dibromoethane	9.09	107	66	2.230	ug/l	82
64) Tetrachloroethene	8.07	164	63	6.456	ug/l #	1
65) Chlorobenzene	9.85	112	71	3.080	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	9.89	131	206	19.084	ug/l #	5
67) Ethyl Benzene	10.04	91	463	11.046	ug/l #	44
68) m/p-Xylenes	10.29	106	60	3.889	ug/l #	1
69) o-Xylene	10.88	106	157	9.165	ug/l	60
70) Styrene	10.84	104	80	3.309	ug/l #	1
73) Isopropylbenzene	11.22	105	70	12.163	ug/l #	49
74) N-amyl acetate	11.40	43	842	642.645	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	11.73	83	132	133.363	ug/l #	4
76) 1,2,3-Trichloropropane	11.86	75	180	264.328	ug/l #	1
78) n-propylbenzene	11.65	91	208	34.259	ug/l #	53
79) 2-Chlorotoluene	11.73	91	256	69.511	ug/l	94
80) 1,3,5-Trimethylbenzene	11.89	105	124	25.868	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.94	75	94	270.663	ug/l #	1
82) 4-Chlorotoluene	11.73	91	256	71.926	ug/l	94
83) tert-Butylbenzene	12.22	119	204	41.153	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.39	105	167	36.002	ug/l	98
85) sec-Butylbenzene	12.35	105	76	11.809	ug/l #	57
86) p-Isopropyltoluene	12.46	119	73	13.372	ug/l #	1
87) 1,3-Dichlorobenzene	12.45	146	74	32.344	ug/l #	24
88) 1,4-Dichlorobenzene	12.67	146	130	58.909	ug/l #	23
89) n-Butylbenzene	12.90	91	365	84.924	ug/l #	28
90) Hexachloroethane	12.96	117	60	42.800	ug/l #	12
91) 1,2-Dichlorobenzene	13.04	146	75	33.949	ug/l #	22
92) 1,2-Dibromo-3-Chloropropan	13.68	75	87	447.380	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.26	180	63	34.084	ug/l #	11
95) Naphthalene	14.50	128	77	23.825	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.69	180	68	38.320	ug/l #	1

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

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