

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022219\
 Data File : VF061717.D
 Acq On : 22 Feb 2019 19:23
 Operator : VA/AP
 Sample : K1597-11RE
 Misc : 4.05µ/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-22RE

Quant Time: Feb 23 01:46:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	4020	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	5240	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	3065	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	1169	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	272	9.23	ug/l	-0.03
Spiked Amount 50.000			Recovery =	18.46%		
35) Dibromofluoromethane	4.09	113	814	20.92	ug/l	-0.03
Spiked Amount 50.000			Recovery =	41.84%		
50) Toluene-d8	7.54	98	3806	34.02	ug/l	-0.02
Spiked Amount 50.000			Recovery =	68.04%		
62) 4-Bromofluorobenzene	11.40	95	928	20.50	ug/l	-0.01
Spiked Amount 50.000			Recovery =	41.00%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.06	50	60	1.239	ug/l #	42
4) Vinyl Chloride	1.22	62	107	2.376	ug/l #	40
5) Bromomethane	1.29	94	270	8.712	ug/l #	3
6) Chloroethane	1.33	64	61	2.749	ug/l #	40
8) Diethyl Ether	1.63	74	60	4.384	ug/l	96
11) Tert butyl alcohol	2.49	59	75	43.961	ug/l #	63
12) 1,1-Dichloroethene	1.78	96	69	2.003	ug/l #	1
13) Acrolein	1.99	56	315	146.906	ug/l	94
14) Allyl chloride	2.11	41	897	21.220	ug/l #	73
15) Acrylonitrile	2.92	53	161	26.605	ug/l #	21
16) Acetone	2.26	43	1136	179.607	ug/l #	83
17) Carbon Disulfide	1.84	76	156	1.441	ug/l #	1
18) Methyl Acetate	2.35	43	268	18.809	ug/l #	59
19) Methyl tert-butyl Ether	2.43	73	79	1.342	ug/l #	1
20) Methylene Chloride	2.16	84	193	3.342	ug/l #	5
21) trans-1,2-Dichloroethene	2.30	96	88	2.350	ug/l #	1
22) Diisopropyl ether	2.77	45	643	6.337	ug/l #	1
23) Vinyl Acetate	3.15	43	164	3.309	ug/l #	74
24) 1,1-Dichloroethane	2.87	63	66	1.075	ug/l #	1
25) 2-Butanone	4.31	43	92	6.659	ug/l #	55
26) 2,2-Dichloropropane	3.55	77	60	2.307	ug/l #	52
27) cis-1,2-Dichloroethene	3.43	96	62	1.261	ug/l	1
29) Tetrahydrofuran	4.07	42	80	12.740	ug/l #	33
31) Cyclohexane	3.57	56	82	1.234	ug/l #	16
36) 1,1-Dichloropropene	4.22	75	63	1.214	ug/l #	37
37) Ethyl Acetate	4.11	43	70	2.903	ug/l #	30
38) Carbon Tetrachloride	3.90	117	67	1.869	ug/l #	13
41) Methacrylonitrile	4.74	41	185	15.004	ug/l #	50
43) Isopropyl Acetate	6.94	43	71	2.488	ug/l #	43
45) 1,2-Dichloropropane	6.26	63	62	1.889	ug/l #	44
47) Bromodichloromethane	6.27	83	60	1.356	ug/l #	24
48) Methyl methacrylate	6.69	41	140	8.152	ug/l #	17
51) 4-Methyl-2-Pentanone	8.24	43	65	3.188	ug/l #	34
56) Ethyl methacrylate	8.66	69	71	2.636	ug/l #	26

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59) 2-Hexanone	9.45	43	63	4.407	ug/l #	23
69) o-Xylene	10.57	106	79	1.870	ug/l #	1
74) N-ethyl acetate	11.40	43	256	12.814	ug/l #	44
77) Bromobenzene	11.63	156	63	3.064	ug/l #	1
79) 2-Chlorotoluene	11.76	91	65	1.215	ug/l #	36
80) 1,3,5-Trimethylbenzene	11.69	105	67	1.007	ug/l #	23
82) 4-Chlorotoluene	11.76	91	65	1.171	ug/l #	37
88) 1,4-Dichlorobenzene	12.68	146	62	1.608	ug/l #	25
93) 1,2,4-Trichlorobenzene	14.06	180	70	2.561	ug/l #	11

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

