

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042519\
 Data File : VF062297.D
 Acq On : 25 Apr 2019 17:37
 Operator : FY/SY
 Sample : K2564-01RE
 Misc : 5.64g/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 C-1_042419RE

Quant Time: Apr 26 01:10:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	11628	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	12670	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	5102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.62

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	2634	27.97	ug/l	-0.01
Spiked Amount			Recovery	=	55.94%	
35) Dibromofluoromethane	4.30	113	3845	40.93	ug/l	-0.02
Spiked Amount			Recovery	=	81.86%	
50) Toluene-d8	7.71	98	10006	43.61	ug/l	-0.01
Spiked Amount			Recovery	=	87.22%	
62) 4-Bromofluorobenzene	11.48	95	1072	11.33	ug/l	-0.02
Spiked Amount			Recovery	=	22.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	164	1.187	ug/l #	40
3) Chloromethane	1.14	50	330	2.835	ug/l #	44
5) Bromomethane	1.43	94	283	3.780	ug/l	92
6) Chloroethane	1.51	64	62	1.283	ug/l #	42
8) Diethyl Ether	1.59	74	159	5.010	ug/l	87
11) Tert butyl alcohol	2.67	59	200	35.103	ug/l #	1
13) Acrolein	2.12	56	213	46.809	ug/l #	43
14) Allyl chloride	2.14	41	569	5.330	ug/l #	62
15) Acrylonitrile	3.06	53	79	5.006	ug/l #	1
16) Acetone	2.34	43	471	22.335	ug/l #	56
18) Methyl Acetate	2.49	43	1321	32.648	ug/l #	59
19) Methyl tert-butyl Ether	2.54	73	394	2.107	ug/l #	57
21) trans-1,2-Dichloroethene	2.44	96	213	2.197	ug/l #	1
22) Diisopropyl ether	2.95	45	783	2.724	ug/l #	43
23) Vinyl Acetate	3.34	43	354	2.778	ug/l #	78
25) 2-Butanone	4.54	43	519	15.521	ug/l #	57
26) 2,2-Dichloropropane	3.98	77	511	5.999	ug/l	82
27) cis-1,2-Dichloroethene	3.61	96	219	1.784	ug/l #	15
28) Bromochloromethane	3.83	49	74	1.070	ug/l #	2
29) Tetrahydrofuran	4.25	42	815	55.470	ug/l #	37
31) Cyclohexane	3.85	56	220	1.409	ug/l #	16
37) Ethyl Acetate	4.31	43	1169	23.772	ug/l #	3
41) Methacrylonitrile	4.92	41	486	17.789	ug/l #	6
43) Isopropyl Acetate	7.11	43	1054	20.793	ug/l #	46
45) 1,2-Dichloropropane	6.34	63	85	1.335	ug/l #	1
46) Dibromomethane	6.23	93	65	1.414	ug/l #	31
48) Methyl methacrylate	6.82	41	895	24.842	ug/l #	44
51) 4-Methyl-2-Pentanone	8.34	43	396	10.220	ug/l #	38
53) t-1,3-Dichloropropene	8.26	75	101	1.271	ug/l #	41
55) 1,1,2-Trichloroethane	8.68	97	61	1.318	ug/l #	14
56) Ethyl methacrylate	8.76	69	86	1.691	ug/l #	1
57) 1,3-Dichloropropane	8.81	76	83	1.141	ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.40	63	80	5.171	ug/l #	44
59) 2-Hexanone	9.51	43	362	1.181	ug/l	65

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2-Dibromoethane	9.10	107	71	1.325	ug/l #	1
64) Tetrachloroethene	8.50	164	62	1.453	ug/l #	1
67) Ethyl Benzene	10.02	91	163	1.006	ug/l #	43
68) m/p-Xylenes	10.13	106	150	2.486	ug/l #	5

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

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