

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051019\
 Data File : VF062445.D
 Acq On : 11 May 2019 4:07
 Operator : FY/SY
 Sample : K2719-22
 Misc : 5.81g/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS011-1824-01

Quant Time: May 11 05:41:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	33153	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.78	114	22485	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	7125	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	814	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.04	65	5510	17.59	ug/l	0.02
Spiked Amount			Recovery	=	35.18%	
35) Dibromofluoromethane	4.32	113	7284	40.66	ug/l	0.02
Spiked Amount			Recovery	=	81.32%	
50) Toluene-d8	7.72	98	15939	36.76	ug/l	0.02
Spiked Amount			Recovery	=	73.52%	
62) 4-Bromofluorobenzene	11.51	95	2116	10.82	ug/l	0.02
Spiked Amount			Recovery	=	21.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.12	50	556	2.197	ug/l #	42
5) Bromomethane	1.42	94	386	Below Cal	#	31
8) Diethyl Ether	1.72	74	262	3.306	ug/l #	9
11) Tert butyl alcohol	2.71	59	105	5.930	ug/l #	1
12) 1,1-Dichloroethene	1.85	96	436	1.715	ug/l #	1
13) Acrolein	2.13	56	81	Below Cal	#	46
14) Allyl chloride	2.21	41	509	2.267	ug/l #	25
15) Acrylonitrile	3.11	53	65	1.938	ug/l #	1
16) Acetone	2.34	43	659	10.398	ug/l #	62
18) Methyl Acetate	2.51	43	1325	8.888	ug/l #	73
20) Methylene Chloride	2.30	84	1050	4.579	ug/l #	55
25) 2-Butanone	4.55	43	544	6.832	ug/l #	70
26) 2,2-Dichloropropane	3.97	77	596	2.516	ug/l	91
29) Tetrahydrofuran	4.29	42	396	10.821	ug/l #	36
37) Ethyl Acetate	4.31	43	901	7.500	ug/l #	73
38) Carbon Tetrachloride	4.10	117	64	Below Cal	#	14
39) Methylcyclohexane	5.79	83	407	2.101	ug/l #	44
41) Methacrylonitrile	4.95	41	217	4.685	ug/l #	1
46) Dibromomethane	6.28	93	86	1.077	ug/l #	1
48) Methyl methacrylate	6.86	41	390	6.282	ug/l #	40
49) 1,4-Dioxane	6.79	88	77	108.942	ug/l #	16
51) 4-Methyl-2-Pentanone	8.61	43	154	2.313	ug/l	90
53) t-1,3-Dichloropropene	8.43	75	180	1.192	ug/l #	43
54) cis-1,3-Dichloropropene	7.47	75	192	1.092	ug/l #	1
55) 1,1,2-Trichloroethane	8.65	97	91	1.092	ug/l #	14
58) 2-Chloroethyl Vinyl ether	7.41	63	75	2.837	ug/l #	42
59) 2-Hexanone	9.64	43	312	6.776	ug/l #	63
66) 1,1,1,2-Tetrachloroethane	10.01	131	60	1.009	ug/l #	26
70) Styrene	10.99	104	162	1.313	ug/l #	65
71) Bromoform	10.87	173	75	2.302	ug/l #	29
73) Isopropylbenzene	11.22	105	393	8.144	ug/l	99
74) N-amyl acetate	11.44	43	280	27.027	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	11.96	83	97	12.838	ug/l #	22
76) 1,2,3-Trichloropropane	11.81	75	104	18.041	ug/l #	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	11.68	91	302	5.878	ug/l #	52
79) 2-Chlorotoluene	11.68	91	302	9.453	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.00	105	165	3.901	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.96	75	66	30.459	ug/l #	99
82) 4-Chlorotoluene	11.98	91	60	1.902	ug/l #	39
83) tert-Butylbenzene	12.21	119	88	1.980	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.26	105	151	3.648	ug/l #	31
85) sec-Butylbenzene	12.38	105	329	6.081	ug/l	91
86) p-Isopropyltoluene	12.53	119	277	5.510	ug/l #	72
87) 1,3-Dichlorobenzene	12.56	146	64	2.767	ug/l #	4
88) 1,4-Dichlorobenzene	12.56	146	64	2.867	ug/l #	5
89) n-Butylbenzene	12.85	91	64	1.431	ug/l #	29
90) Hexachloroethane	12.97	117	101	8.047	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.76	75	124	73.254	ug/l #	18
95) Naphthalene	14.43	128	76	2.517	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.56	180	79	4.061	ug/l #	11

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

