

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052819\
 Data File : VF062762.D
 Acq On : 28 May 2019 16:03
 Operator : FY/SY
 Sample : K3054-02
 Misc : 16.50g/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CULVER-CBTC-WC1A-052419

Quant Time: May 29 01:48:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	57732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	71942	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	40193	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	5773	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	5737	14.06	ug/l	0.00
Spiked Amount			Recovery	=	28.12%	
35) Dibromofluoromethane	4.33	113	16616	30.18	ug/l	0.01
Spiked Amount			Recovery	=	60.36%	
50) Toluene-d8	7.73	98	53966	41.06	ug/l	0.01
Spiked Amount			Recovery	=	82.12%	
62) 4-Bromofluorobenzene	11.50	95	9817	19.69	ug/l	0.00
Spiked Amount			Recovery	=	39.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.18	50	995	1.375	ug/l	90
5) Bromomethane	1.40	94	842	2.311	ug/l #	72
6) Chloroethane	1.48	64	587	2.400	ug/l #	66
8) Diethyl Ether	1.73	74	220	1.242	ug/l	53
11) Tert butyl alcohol	2.68	59	1355	50.308	ug/l #	28
12) 1,1-Dichloroethene	1.86	96	628	1.211	ug/l #	14
13) Acrolein	2.12	56	542	19.278	ug/l	84
14) Allyl chloride	2.25	41	1344	2.863	ug/l #	32
15) Acrylonitrile	3.08	53	510	6.713	ug/l #	1
16) Acetone	2.42	43	535	5.055	ug/l	94
18) Methyl Acetate	2.47	43	1492	8.971	ug/l	100
20) Methylene Chloride	2.31	84	963	1.815	ug/l #	68
21) trans-1,2-Dichloroethene	2.40	96	600	1.184	ug/l #	16
22) Diisopropyl ether	2.95	45	1636	1.413	ug/l #	78
25) 2-Butanone	4.53	43	2029	8.973	ug/l #	50
26) 2,2-Dichloropropane	3.77	77	625	1.286	ug/l #	46
28) Bromochloromethane	3.90	49	610	1.281	ug/l #	2
29) Tetrahydrofuran	4.26	42	1428	15.606	ug/l #	61
37) Ethyl Acetate	4.27	43	2166	7.196	ug/l #	32
41) Methacrylonitrile	4.93	41	997	6.318	ug/l #	30
42) 1,2-Dichloroethane	5.13	62	691	1.725	ug/l	71
43) Isopropyl Acetate	7.12	43	1389	3.562	ug/l #	90
46) Dibromomethane	6.25	93	471	1.608	ug/l #	27
48) Methyl methacrylate	6.88	41	867	4.254	ug/l #	51
49) 1,4-Dioxane	6.89	88	203	77.763	ug/l #	36
55) 1,1,2-Trichloroethane	8.63	97	376	1.206	ug/l #	57
56) Ethyl methacrylate	8.77	69	923	2.484	ug/l #	75
58) 2-Chloroethyl Vinyl ether	7.49	63	695	5.747	ug/l #	51
59) 2-Hexanone	9.51	43	584	Below Cal		76
68) m/p-Xylenes	10.27	106	979	1.899	ug/l	92
71) Bromoform	10.85	173	166	1.046	ug/l #	27
73) Isopropylbenzene	11.22	105	1335	3.227	ug/l	84
74) N-amyl acetate	11.43	43	832	2.810	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.77	83	156	1.845	ug/l #	23

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76) 1,2,3-Trichloropropane	11.86	75	733	13.193	ug/l	91
77) Bromobenzene	11.58	156	471	4.580	ug/l	85
78) n-propylbenzene	11.80	91	615	1.256	ug/l	97
79) 2-Chlorotoluene	11.68	91	808	2.928	ug/l	73
80) 1,3,5-Trimethylbenzene	11.91	105	377	1.136	ug/l	83
81) trans-1,4-Dichloro-2-buten	11.97	75	284	11.500	ug/l #	93
82) 4-Chlorotoluene	11.99	91	923	3.392	ug/l #	37
83) tert-Butylbenzene	12.21	119	390	1.159	ug/l #	62
84) 1,2,4-Trimethylbenzene	12.29	105	358	1.115	ug/l #	25
85) sec-Butylbenzene	12.38	105	976	2.161	ug/l #	54
86) p-Isopropyltoluene	12.54	119	771	2.025	ug/l #	80
88) 1,4-Dichlorobenzene	12.64	146	424	2.428	ug/l #	45
90) Hexachloroethane	12.98	117	156	1.708	ug/l #	20
92) 1,2-Dibromo-3-Chloropropan	13.72	75	359	35.589	ug/l #	1
94) Hexachlorobutadiene	14.21	225	162	1.955	ug/l #	58
95) Naphthalene	14.51	128	309	1.433	ug/l #	15

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

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