Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF060419\
Data File : VF062846.D
Acq On : 4 Jun 2019 18:38
Operator : FY/SY
Sample : K3172-04
Misc : 4.15g/5mL/MSVOA_F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-SF-01-005-B

Quant Time: Jun 05 05:23:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	93292	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.78	114	112895	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	51549	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.61	152	8568	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	10334	16.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 32.04%			
35) Dibromofluoromethane	4.29	113	3080	3.61	ug/l	-0.05
Spiked Amount 50.000			Recovery = 7.22%			
50) Toluene-d8	7.71	98	75056	34.79	ug/l	-0.03
Spiked Amount 50.000			Recovery = 69.58%			
62) 4-Bromofluorobenzene	11.49	95	11683	15.06	ug/l	-0.02
Spiked Amount 50.000			Recovery = 30.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.03	85	202	Below Cal	#	52
8) Diethyl Ether	1.73	74	487	1.823	ug/l	80
11) Tert butyl alcohol	2.68	59	708	18.116	ug/l #	90
12) 1,1-Dichloroethene	1.86	96	1109	1.430	ug/l #	7
13) Acrolein	2.00	56	966	55.508	ug/l	87
14) Allyl chloride	2.19	41	1369	2.276	ug/l #	32
15) Acrylonitrile	3.09	53	147	1.001	ug/l #	19
16) Acetone	2.44	43	1035	7.010	ug/l	100
18) Methyl Acetate	2.57	43	1078	4.178	ug/l	99
20) Methylene Chloride	2.37	84	620	Below Cal	#	11
21) trans-1,2-Dichloroethene	2.44	96	866	1.114	ug/l #	17
29) Tetrahydrofuran	4.28	42	926	7.041	ug/l #	29
37) Ethyl Acetate	4.30	43	968	2.437	ug/l #	36
41) Methacrylonitrile	4.90	41	1043	4.722	ug/l #	58
43) Isopropyl Acetate	7.10	43	637	1.214	ug/l #	98
48) Methyl methacrylate	6.85	41	2023	7.479	ug/l #	7
49) 1,4-Dioxane	6.85	88	292	81.904	ug/l #	40
51) 4-Methyl-2-Pentanone	8.47	43	1026	2.738	ug/l	89
52) Toluene	7.79	92	1701	1.044	ug/l	81
56) Ethyl methacrylate	8.77	69	647	1.239	ug/l #	25
58) 2-Chloroethyl Vinyl ether	7.46	63	471	2.581	ug/l	96
67) Ethyl Benzene	10.03	91	1920	1.124	ug/l #	82
69) o-Xylene	10.81	106	1150	1.738	ug/l #	15
70) Styrene	10.88	104	4009	4.110	ug/l #	75
73) Isopropylbenzene	11.22	105	1247	2.086	ug/l	79
74) N-amyl acetate	11.49	43	913	5.418	ug/l #	32
75) 1,1,2,2-Tetrachloroethane	11.79	83	558	4.371	ug/l #	25
76) 1,2,3-Trichloropropane	11.90	75	205	2.422	ug/l #	1
77) Bromobenzene	11.61	156	322	2.144	ug/l #	24
78) n-propylbenzene	11.67	91	1637	2.268	ug/l	97
79) 2-Chlorotoluene	11.67	91	1637	3.963	ug/l	72
80) 1,3,5-Trimethylbenzene	11.89	105	1098	2.246	ug/l	76
81) trans-1,4-Dichloro-2-buten	11.94	75	159	4.438	ug/l #	28
82) 4-Chlorotoluene	11.98	91	856	2.109	ug/l #	34

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
84) 1,2,4-Trimethylbenzene	12.27	105	1876	4.047	ug/l		91
86) p-Isopropyltoluene	12.52	119	890	1.675	ug/l	#	40
92) 1,2-Dibromo-3-Chloropropan	13.69	75	294	21.137	ug/l	#	1
95) Naphthalene	14.52	128	371	1.416	ug/l	#	1
96) 1,2,3-Trichlorobenzene	14.66	180	197	1.350	ug/l	#	11

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

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