

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051719\
 Data File : VF062648.D
 Acq On : 17 May 2019 19:47
 Operator : FY/SY
 Sample : K2894-15
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-03-5-6

Quant Time: May 18 01:43:56 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	5.05	168	84046	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	91079	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	40263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	4115	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	7397	12.45	ug/l	0.00
Spiked Amount			Recovery	=	24.90%	
35) Dibromofluoromethane	4.31	113	15778	22.64	ug/l	0.00
Spiked Amount			Recovery	=	45.28%	
50) Toluene-d8	7.71	98	52583	31.60	ug/l	0.00
Spiked Amount			Recovery	=	63.20%	
62) 4-Bromofluorobenzene	11.48	95	6885	10.91	ug/l	-0.02
Spiked Amount			Recovery	=	21.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	1741	1.522	ug/l	100
11) Tert butyl alcohol	2.72	59	131	3.341	ug/l #	70
12) 1,1-Dichloroethene	1.87	96	758	1.004	ug/l #	6
13) Acrolein	2.11	56	878	21.451	ug/l	89
15) Acrylonitrile	3.08	53	480	4.340	ug/l #	49
16) Acetone	2.35	43	6611	42.906	ug/l #	72
18) Methyl Acetate	2.55	43	462	1.908	ug/l	91
19) Methyl tert-butyl Ether	2.52	73	1995	1.478	ug/l #	60
20) Methylene Chloride	2.32	84	1933	2.503	ug/l #	51
25) 2-Butanone	4.52	43	2489	7.561	ug/l #	81
29) Tetrahydrofuran	4.22	42	864	6.486	ug/l #	63
37) Ethyl Acetate	4.31	43	985	2.585	ug/l #	30
41) Methacrylonitrile	4.89	41	910	4.555	ug/l #	51
42) 1,2-Dichloroethane	5.16	62	568	1.120	ug/l	71
43) Isopropyl Acetate	7.08	43	2691	5.451	ug/l #	43
48) Methyl methacrylate	6.87	41	606	2.349	ug/l #	48
49) 1,4-Dioxane	6.88	88	139	42.059	ug/l #	1
51) 4-Methyl-2-Pentanone	8.35	43	1558	4.617	ug/l #	32
53) t-1,3-Dichloropropene	8.41	75	642	1.019	ug/l #	30
55) 1,1,2-Trichloroethane	8.64	97	703	1.781	ug/l #	57
56) Ethyl methacrylate	8.73	69	711	1.512	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.40	63	289	1.888	ug/l #	51
59) 2-Hexanone	9.63	43	853	Below Cal		70
68) m/p-Xylenes	10.26	106	1021	1.977	ug/l #	75
73) Isopropylbenzene	11.20	105	655	2.221	ug/l #	17
74) N-amyl acetate	11.43	43	661	3.825	ug/l #	38
75) 1,1,2,2-Tetrachloroethane	11.81	83	821	13.621	ug/l #	15
76) 1,2,3-Trichloropropane	11.98	75	790	19.948	ug/l	89
77) Bromobenzene	11.66	156	103	1.405	ug/l	69
78) n-propylbenzene	11.81	91	786	2.252	ug/l	83
79) 2-Chlorotoluene	11.71	91	292	1.484	ug/l	83
80) 1,3,5-Trimethylbenzene	11.81	105	449	1.899	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.98	75	790	44.877	ug/l #	57
82) 4-Chlorotoluene	11.94	91	1195	6.160	ug/l #	37

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83) tert-Butylbenzene	12.21	119	739	3.080	ug/l #	67
84) 1,2,4-Trimethylbenzene	12.36	105	810	3.539	ug/l	70
85) sec-Butylbenzene	12.36	105	810	2.516	ug/l #	54
86) p-Isopropyltoluene	12.52	119	400	1.474	ug/l #	3
88) 1,4-Dichlorobenzene	12.61	146	280	2.250	ug/l #	30
89) n-Butylbenzene	12.91	91	407	1.521	ug/l #	78
90) Hexachloroethane	12.98	117	209	3.211	ug/l #	2
91) 1,2-Dichlorobenzene	13.00	146	204	1.725	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.69	75	130	18.080	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.22	180	158	1.867	ug/l #	11
94) Hexachlorobutadiene	14.32	225	160	2.709	ug/l #	16
95) Naphthalene	14.54	128	156	1.015	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.72	180	101	1.260	ug/l #	13

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

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