

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
 Data File : VD062587.D
 Acq On : 3 Jun 2019 15:57
 Operator : VA/AP
 Sample : K3097-07
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 0427-HR-7(HACKENSACK)

Quant Time: Jun 04 05:51:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	12503	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	18745	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	13712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	6528	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	7773	53.02	ug/l	-0.02
Spiked Amount			Recovery	=	106.04%	
35) Dibromofluoromethane	6.92	113	5907	34.58	ug/l	-0.02
Spiked Amount			Recovery	=	69.16%	
50) Toluene-d8	10.41	98	12504	33.41	ug/l	0.00
Spiked Amount			Recovery	=	66.82%	
62) 4-Bromofluorobenzene	13.55	95	6368	37.73	ug/l	0.00
Spiked Amount			Recovery	=	75.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	177	1.221	ug/l #	40
3) Chloromethane	1.77	50	2405	14.493	ug/l #	43
5) Bromomethane	2.12	94	327	9.090	ug/l #	1
6) Chloroethane	2.31	64	332	6.391	ug/l #	45
10) Methyl Iodide	3.32	142	2042	13.019	ug/l #	94
12) 1,1-Dichloroethene	3.04	96	240	2.454	ug/l #	1
13) Acrolein	3.01	56	280	102.771	ug/l	90
16) Acetone	3.22	43	4344	150.811	ug/l	100
18) Methyl Acetate	3.63	43	236	5.020	ug/l #	63
23) Vinyl Acetate	5.06	43	202	1.067	ug/l #	80
25) 2-Butanone	6.07	43	602	22.191	ug/l #	62
29) Tetrahydrofuran	6.54	42	211	17.364	ug/l #	33
36) 1,1-Dichloropropene	7.09	75	227	1.217	ug/l #	41
37) Ethyl Acetate	6.17	43	613	7.792	ug/l #	72
43) Isopropyl Acetate	8.93	43	189	1.930	ug/l #	50
55) 1,1,2-Trichloroethane	11.22	97	194	2.365	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.88	63	178	3.970	ug/l #	49
59) 2-Hexanone	11.39	43	193	4.028	ug/l #	32
67) Ethyl Benzene	12.52	91	1346	2.750	ug/l	91
68) m/p-Xylenes	12.68	106	1736	10.254	ug/l	87
69) o-Xylene	13.04	106	184	1.139	ug/l #	1
73) Isopropylbenzene	13.41	105	438	1.018	ug/l #	52
74) N-amyl acetate	13.31	43	190	1.731	ug/l #	20
76) 1,2,3-Trichloropropane	13.71	75	179	2.286	ug/l #	42
77) Bromobenzene	13.67	156	231	1.958	ug/l #	1
78) n-propylbenzene	13.77	91	1134	2.286	ug/l #	57
79) 2-Chlorotoluene	13.86	91	419	1.457	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.88	105	2175	5.914	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.55	75	3301	147.096	ug/l #	5
82) 4-Chlorotoluene	13.94	91	448	1.301	ug/l #	41
84) 1,2,4-Trimethylbenzene	14.24	105	4005	10.688	ug/l	72
87) 1,3-Dichlorobenzene	14.45	146	572	2.796	ug/l #	25
88) 1,4-Dichlorobenzene	14.54	146	546	2.664	ug/l #	23
90) Hexachloroethane	15.14	117	2590	24.038	ug/l #	6

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91) 1,2-Dichlorobenzene	14.81	146	317	1.842	ug/l #	23
95) Naphthalene	16.12	128	2377	12.686	ug/l #	72
96) 1,2,3-Trichlorobenzene	16.27	180	356	3.464	ug/l #	12

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

