

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062418\
 Data File : VD058367.D
 Acq On : 24 Jun 2018 13:04
 Operator : VA/AP
 Sample : J3671-09
 Misc : 6.30g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB478-25-27-180621

Manual Integrations
 APPROVED

apatel
 6/25/2018 6:05:20 PM

Quant Time: Jun 25 04:28:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	704199	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	6.72	114	895669	50.00	ug/l	0.03
63) Chlorobenzene-d5	10.72	117	716833	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.93	152	363857	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	360855	50.73	ug/l	0.04
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	5.59	113	323355	44.36	ug/l	0.04
Spiked Amount	50.000		Recovery	=	88.72%	
50) Toluene-d8	8.74	98	930068	52.74	ug/l	0.03
Spiked Amount	50.000		Recovery	=	105.48%	
62) 4-Bromofluorobenzene	11.96	95	363064	50.39	ug/l	0.03
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds						Qvalue
4) Vinyl Chloride	1.55	62	3157814	856.01	ug/l	99
12) 1,1-Dichloroethene	2.57	96	1369940	566.25	ug/l	100
16) Acetone	2.63	43	173561	178.42	ug/l #	89
20) Methylene Chloride	3.09	84	38371	11.43	ug/l #	67
21) trans-1,2-Dichloroethene	3.40	96	1984739	750.63	ug/l	90
24) 1,1-Dichloroethane	4.01	63	1309822	108.71	ug/l	98
27) cis-1,2-Dichloroethene	4.82	96	49118547m	7433.90	ug/l	
30) Chloroform	5.36	83	148860	11.70	ug/l	95
31) Cyclohexane	5.64	56	1138167	139.46	ug/l	96
39) Methylcyclohexane	7.32	83	2365071	274.04	ug/l	93
40) Benzene	6.05	78	1003088	47.52	ug/l	98
44) Trichloroethene	7.02	130	11409996	1800.28	ug/l	97
52) Toluene	8.84	92	1113120	92.62	ug/l	99
55) 1,1,2-Trichloroethane	9.49	97	130754	30.75	ug/l #	72
64) Tetrachloroethene	9.55	164	319044	52.90	ug/l	96
65) Chlorobenzene	10.75	112	1271301	94.81	ug/l	98
67) Ethyl Benzene	10.88	91	2570031	108.57	ug/l	100
68) m/p-Xylenes	11.04	106	2724576	345.14	ug/l	90
69) o-Xylene	11.44	106	479454	63.59	ug/l	97
73) Isopropylbenzene	11.80	105	849138	39.02	ug/l	97
78) n-propylbenzene	12.18	91	2088340	74.30	ug/l	97
80) 1,3,5-Trimethylbenzene	12.35	105	3703902	218.19	ug/l	96
83) tert-Butylbenzene	12.61	119	207177	10.62	ug/l	97
84) 1,2,4-Trimethylbenzene	12.66	105	6751747	365.90	ug/l	93
85) sec-Butylbenzene	12.78	105	1387196	60.64	ug/l	94
86) p-Isopropyltoluene	12.91	119	1187910m	64.08	ug/l	
87) 1,3-Dichlorobenzene	12.87	146	743729	65.66	ug/l	92
88) 1,4-Dichlorobenzene	12.95	146	1223627	110.62	ug/l	91
89) n-Butylbenzene	13.23	91	1401576m	71.94	ug/l	
91) 1,2-Dichlorobenzene	13.23	146	1611187	167.14	ug/l	98
95) Naphthalene	14.55	128	4293470	353.54	ug/l	97

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

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