

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062418\
 Data File : VD058368.D
 Acq On : 24 Jun 2018 13:32
 Operator : VA/AP
 Sample : J3671-10
 Misc : 6.02g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB478-27-29-180621

Manual Integrations
 APPROVED

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

Quant Time: Jun 25 04:32:01 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	5.66	168	762790	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.71	114	983095	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.70	117	786940	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.92	152	401473	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	383725	49.80	ug/l	0.02
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	5.57	113	376927	47.11	ug/l	0.02
Spiked Amount	50.000		Recovery	=	94.22%	
50) Toluene-d8	8.72	98	908192	46.92	ug/l	0.01
Spiked Amount	50.000		Recovery	=	93.84%	
62) 4-Bromofluorobenzene	11.94	95	384566	48.63	ug/l	0.01
Spiked Amount	50.000		Recovery	=	97.26%	

Target Compounds

						Qvalue
4) Vinyl Chloride	1.56	62	1827631	457.38	ug/l	97
12) 1,1-Dichloroethene	2.56	96	656083	250.35	ug/l	99
16) Acetone	2.63	43	54338	51.57	ug/l	98
20) Methylene Chloride	3.08	84	30608	7.03	ug/l	96
21) trans-1,2-Dichloroethene	3.41	96	833715	291.09	ug/l	91
24) 1,1-Dichloroethane	3.99	63	693628m	53.15	ug/l	
27) cis-1,2-Dichloroethene	4.92	96	38436212m	5370.34	ug/l	
30) Chloroform	5.35	83	112355	8.15	ug/l	98
31) Cyclohexane	5.61	56	270112	26.00	ug/l	92
39) Methylcyclohexane	7.30	83	425996	44.97	ug/l	99
40) Benzene	6.03	78	599658	25.88	ug/l	99
44) Trichloroethene	7.06	130	16086046m	2312.37	ug/l	
52) Toluene	8.81	92	141452	10.72	ug/l	100
55) 1,1,2-Trichloroethane	9.47	97	60134	12.88	ug/l	96
64) Tetrachloroethene	9.52	164	254117	38.38	ug/l	96
65) Chlorobenzene	10.73	112	848889	57.67	ug/l	98
67) Ethyl Benzene	10.87	91	301611	11.61	ug/l	98
68) m/p-Xylenes	11.03	106	36325	4.19	ug/l	95
73) Isopropylbenzene	11.78	105	127660	5.32	ug/l	99
78) n-propylbenzene	12.16	91	262269	8.46	ug/l	96
80) 1,3,5-Trimethylbenzene	12.33	105	170571	9.11	ug/l	98
83) tert-Butylbenzene	12.58	119	27349	1.27	ug/l	98
84) 1,2,4-Trimethylbenzene	12.63	105	116854	5.74	ug/l	99
85) sec-Butylbenzene	12.76	105	165923	6.57	ug/l	95
86) p-Isopropyltoluene	12.89	119	121213	5.93	ug/l	96
87) 1,3-Dichlorobenzene	12.85	146	186946	14.96	ug/l	99
88) 1,4-Dichlorobenzene	12.94	146	348039	28.52	ug/l	97
89) n-Butylbenzene	13.20	91	144854m	6.74	ug/l	
91) 1,2-Dichlorobenzene	13.20	146	663452	62.38	ug/l	98
95) Naphthalene	14.52	128	532884	39.77	ug/l	99

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

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