

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
 Data File : VD058346.D
 Acq On : 23 Jun 2018 17:43
 Operator : VA/AP
 Sample : J3664-21
 Misc : 6.34g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-29-31-180619

Manual Integrations
 APPROVED

apatel
 6/25/2018 2:28:13 PM

Quant Time: Jun 25 08:12:28 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	5.67	168	833692	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	6.73	114	1134857	50.00	ug/l	0.04
63) Chlorobenzene-d5	10.71	117	808823	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.91	152	447983	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	344066	40.86	ug/l	0.04
Spiked Amount	50.000		Recovery	=	81.72%	
35) Dibromofluoromethane	5.58	113	328714	35.59	ug/l	0.03
Spiked Amount	50.000		Recovery	=	71.18%	
50) Toluene-d8	8.75	98	695859	31.14	ug/l	0.04
Spiked Amount	50.000		Recovery	=	62.28%	
62) 4-Bromofluorobenzene	11.94	95	303008m	33.19	ug/l	0.01
Spiked Amount	50.000		Recovery	=	66.38%	

Target Compounds

						Qvalue
4) Vinyl Chloride	1.57	62	4127225	945.02	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.58	101	490637	128.88	ug/l	97
11) Tert butyl alcohol	3.28	59	16504	59.42	ug/l #	82
12) 1,1-Dichloroethene	2.58	96	1886709	658.72	ug/l	96
16) Acetone	2.64	43	122434	106.31	ug/l #	75
20) Methylene Chloride	3.09	84	1852315	675.76	ug/l	99
21) trans-1,2-Dichloroethene	3.41	96	241010	76.99	ug/l	88
22) Diisopropyl ether	4.09	45	41943	1.58	ug/l #	76
27) cis-1,2-Dichloroethene	4.83	96	30720182m	3927.21	ug/l	
30) Chloroform	5.35	83	1060492	70.42	ug/l	94
38) Carbon Tetrachloride	5.76	117	76937	6.90	ug/l	94
39) Methylcyclohexane	7.39	83	123114m	11.26	ug/l	
40) Benzene	6.05	78	359053	13.43	ug/l	100
42) 1,2-Dichloroethane	6.16	62	315604	29.27	ug/l	95
44) Trichloroethene	7.23	130	49774476m	6198.24	ug/l	
51) 4-Methyl-2-Pentanone	8.64	43	2367221	425.57	ug/l	98
52) Toluene	8.87	92	13319130	874.66	ug/l	95
55) 1,1,2-Trichloroethane	9.48	97	315430	58.55	ug/l	95
64) Tetrachloroethene	9.54	164	197241	28.98	ug/l	97
65) Chlorobenzene	10.74	112	159598	10.55	ug/l	100
67) Ethyl Benzene	10.88	91	430763	16.13	ug/l	98
68) m/p-Xylenes	11.02	106	573245	64.36	ug/l	100
69) o-Xylene	11.42	106	378549	44.50	ug/l	100
73) Isopropylbenzene	11.78	105	122278	4.56	ug/l	96
78) n-propylbenzene	12.16	91	297472	8.60	ug/l	98
80) 1,3,5-Trimethylbenzene	12.33	105	827212	39.58	ug/l	97
83) tert-Butylbenzene	12.58	119	60380	2.51	ug/l	90
84) 1,2,4-Trimethylbenzene	12.64	105	1852285	81.53	ug/l	99
85) sec-Butylbenzene	12.77	105	197543	7.01	ug/l	94
86) p-Isopropyltoluene	12.89	119	143228	6.28	ug/l	99
87) 1,3-Dichlorobenzene	12.85	146	509589	36.54	ug/l	99
88) 1,4-Dichlorobenzene	12.93	146	1651815	121.29	ug/l	94
91) 1,2-Dichlorobenzene	13.21	146	6250577	526.66	ug/l	97
93) 1,2,4-Trichlorobenzene	14.34	180	68545	6.04	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	14.52	128	899504	60.16	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	21172	2.13	ug/l	89

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

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