

Data File : VD058347.D
Acq On : 23 Jun 2018 18:11
Operator : VA/AP
Sample : J3664-22
Misc : 5.83g/5ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-31-33-180619

Manual Integrations
APPROVED

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Quant Time: Jul 03 23:48:39 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	914669	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.73	114	1261207	50.00	ug/l	0.03
63) Chlorobenzene-d5	10.70	117	836927	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.92	152	467328	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	362018	39.18	ug/l	0.03
Spiked Amount	50.000		Recovery	=	78.36%	
35) Dibromofluoromethane	5.57	113	362320	35.30	ug/l	0.02
Spiked Amount	50.000		Recovery	=	70.60%	
50) Toluene-d8	8.74	98	641522	25.83	ug/l	0.03
Spiked Amount	50.000		Recovery	=	51.66%	
62) 4-Bromofluorobenzene	11.94	95	296221	29.20	ug/l	0.01
Spiked Amount	50.000		Recovery	=	58.40%	

Target Compounds				Qvalue		
4) Vinyl Chloride	1.57	62	890022	185.749	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.58	101	227293	54.421	ug/l	98
12) 1,1-Dichloroethene	2.57	96	3235154	1029.509	ug/l	89
16) Acetone	2.63	43	132873	105.164	ug/l #	85
20) Methylene Chloride	3.09	84	4676713	1561.951	ug/l	95
21) trans-1,2-Dichloroethene	3.42	96	51930	15.121	ug/l	85
22) Diisopropyl ether	4.12	45	50808	1.749	ug/l #	74
25) 2-Butanone	4.88	43	211639	76.854	ug/l #	54
27) cis-1,2-Dichloroethene	4.84	96	13794061	1607.291	ug/l	97
28) Bromochloromethane	5.20	49	34476m	4.914	ug/l	
30) Chloroform	5.35	83	1329012	80.442	ug/l	96
38) Carbon Tetrachloride	5.76	117	124454	10.039	ug/l	88
40) Benzene	6.06	78	365367	12.293	ug/l	99
42) 1,2-Dichloroethane	6.16	62	399729	33.355	ug/l	97
44) Trichloroethene	7.25	130	55237025m	6189.379	ug/l	
51) 4-Methyl-2-Pentanone	8.64	43	3002154	485.642	ug/l	97
52) Toluene	8.86	92	12426575	734.290	ug/l	96
55) 1,1,2-Trichloroethane	9.48	97	347065	57.965	ug/l	96
64) Tetrachloroethene	9.54	164	171924	24.414	ug/l	96
65) Chlorobenzene	10.74	112	85540	5.464	ug/l #	88
67) Ethyl Benzene	10.87	91	235637	8.526	ug/l	95
68) m/p-Xylenes	11.02	106	323820	35.134	ug/l	95
69) o-Xylene	11.41	106	176579	20.059	ug/l	88
70) Styrene	11.44	104	456709	30.404	ug/l	98
73) Isopropylbenzene	11.79	105	42008	1.503	ug/l	95
78) n-propylbenzene	12.16	91	97431	2.699	ug/l	97
80) 1,3,5-Trimethylbenzene	12.33	105	267099	12.251	ug/l	98
84) 1,2,4-Trimethylbenzene	12.63	105	713173	30.092	ug/l	99
85) sec-Butylbenzene	12.76	105	40056	1.363	ug/l	94
86) p-Isopropyltoluene	12.89	119	33495	1.407	ug/l	96
87) 1,3-Dichlorobenzene	12.85	146	358955	24.673	ug/l	97
88) 1,4-Dichlorobenzene	12.94	146	1242800	87.477	ug/l	99
91) 1,2-Dichlorobenzene	13.20	146	4898847	395.677	ug/l	100
93) 1,2,4-Trichlorobenzene	14.35	180	26616	2.248	ug/l	85

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062318\
Quantitation Report (QT/LSC Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	14.52	128	461789	29.606	ug/l	99

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

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