

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
 Data File : VD058349.D
 Acq On : 23 Jun 2018 19:07
 Operator : VA/AP
 Sample : J3664-24
 Misc : 6.69g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-35-37-180619

Manual Integrations
 APPROVED

apatel
 6/25/2018 2:14:09 PM

Quant Time: Jun 25 08:24:12 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	827340	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	6.72	114	1188067	50.00	ug/l	0.03
63) Chlorobenzene-d5	10.71	117	776056	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.91	152	414537	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	330840	39.59	ug/l	0.04
Spiked Amount	50.000		Recovery	=	79.18%	
35) Dibromofluoromethane	5.57	113	324107	33.52	ug/l	0.02
Spiked Amount	50.000		Recovery	=	67.04%	
50) Toluene-d8	8.74	98	604379	25.83	ug/l	0.03
Spiked Amount	50.000		Recovery	=	51.66%	
62) 4-Bromofluorobenzene	11.94	95	260506	27.26	ug/l	0.01
Spiked Amount	50.000		Recovery	=	54.52%	

Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.58	101	152377	40.33	ug/l	94
12) 1,1-Dichloroethene	2.57	96	2060911	725.06	ug/l	91
16) Acetone	2.63	43	33033	28.90	ug/l	96
20) Methylene Chloride	3.09	84	1691031	621.23	ug/l	96
24) 1,1-Dichloroethane	3.99	63	55574	3.93	ug/l #	96
27) cis-1,2-Dichloroethene	4.83	96	190028	24.48	ug/l	91
30) Chloroform	5.34	83	269399	18.03	ug/l	89
38) Carbon Tetrachloride	5.76	117	98562	8.44	ug/l	91
40) Benzene	6.05	78	93255	3.33	ug/l	95
44) Trichloroethene	7.23	130	50849868m	6048.56	ug/l	
51) 4-Methyl-2-Pentanone	8.63	43	230717	39.62	ug/l	99
52) Toluene	8.85	92	10324157	647.61	ug/l	99
55) 1,1,2-Trichloroethane	9.48	97	92209	16.35	ug/l	98
64) Tetrachloroethene	9.54	164	260568	39.90	ug/l	97
65) Chlorobenzene	10.74	112	81291	5.60	ug/l	100
67) Ethyl Benzene	10.88	91	300765	11.74	ug/l	96
68) m/p-Xylenes	11.01	106	435379	50.94	ug/l	99
69) o-Xylene	11.42	106	216680	26.55	ug/l	98
70) Styrene	11.45	104	872071	62.61	ug/l	100
73) Isopropylbenzene	11.78	105	78445	3.16	ug/l	94
78) n-propylbenzene	12.16	91	201768	6.30	ug/l	99
80) 1,3,5-Trimethylbenzene	12.32	105	565174	29.22	ug/l	98
83) tert-Butylbenzene	12.58	119	30918	1.39	ug/l	91
84) 1,2,4-Trimethylbenzene	12.63	105	1333884	63.45	ug/l	96
85) sec-Butylbenzene	12.77	105	105838	4.06	ug/l	95
86) p-Isopropyltoluene	12.89	119	80759	3.82	ug/l	95
87) 1,3-Dichlorobenzene	12.84	146	586952	45.48	ug/l	96
88) 1,4-Dichlorobenzene	12.93	146	1892936	150.21	ug/l	95
91) 1,2-Dichlorobenzene	13.21	146	6245807	568.71	ug/l	98
93) 1,2,4-Trichlorobenzene	14.34	180	48405	4.61	ug/l	93
95) Naphthalene	14.52	128	777486	56.19	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	16386	1.78	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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