

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
 Data File : VD058348.D
 Acq On : 23 Jun 2018 18:39
 Operator : VA/AP
 Sample : J3664-23
 Misc : 6.22g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-33-35-180619

Manual Integrations
 APPROVED

apatel
 6/25/2018 2:28:26 PM

Quant Time: Jun 25 08:21:42 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	909916	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	6.72	114	1292626	50.00	ug/l	0.03
63) Chlorobenzene-d5	10.71	117	833930	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.92	152	440028	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	9310	1.01	ug/l	0.04
Spiked Amount	50.000		Recovery	=	2.02%	
35) Dibromofluoromethane	5.58	113	8654	0.82	ug/l	0.04
Spiked Amount	50.000		Recovery	=	1.64%	
50) Toluene-d8	8.76	98	20026	0.79	ug/l	0.06
Spiked Amount	50.000		Recovery	=	1.58%	
62) 4-Bromofluorobenzene	11.94	95	10097m	0.97	ug/l	0.02
Spiked Amount	50.000		Recovery	=	1.94%	

Target Compounds

						Qvalue
4) Vinyl Chloride	1.57	62	262216	55.01	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.58	101	257312	61.93	ug/l	97
12) 1,1-Dichloroethene	2.56	96	3968877	1269.60	ug/l	88
16) Acetone	2.63	43	91025	72.42	ug/l #	82
20) Methylene Chloride	3.09	84	5094801	1710.97	ug/l	94
22) Diisopropyl ether	4.11	45	36426	1.26	ug/l #	83
24) 1,1-Dichloroethane	4.00	63	184341	11.84	ug/l	99
25) 2-Butanone	4.90	43	147034	53.67	ug/l #	83
27) cis-1,2-Dichloroethene	4.84	96	5220217	611.44	ug/l	95
28) Bromochloromethane	5.20	49	29531	4.23	ug/l	100
30) Chloroform	5.35	83	1157497	70.43	ug/l	93
38) Carbon Tetrachloride	5.77	117	164816	12.97	ug/l	99
40) Benzene	6.07	78	328701	10.79	ug/l	97
42) 1,2-Dichloroethane	6.17	62	305210	24.85	ug/l	98
44) Trichloroethene	7.30	130	65592592m	7171.09	ug/l	
51) 4-Methyl-2-Pentanone	8.65	43	2065949	326.07	ug/l	97
52) Toluene	8.88	92	13207177	761.45	ug/l	97
55) 1,1,2-Trichloroethane	9.48	97	287670	46.88	ug/l	94
64) Tetrachloroethene	9.55	164	239815	34.18	ug/l	99
65) Chlorobenzene	10.74	112	102543	6.57	ug/l	99
67) Ethyl Benzene	10.88	91	287853	10.45	ug/l	99
68) m/p-Xylenes	11.03	106	399146	43.46	ug/l	97
69) o-Xylene	11.42	106	211629	24.13	ug/l	92
70) Styrene	11.45	104	1046254	69.90	ug/l	97
73) Isopropylbenzene	11.79	105	63740	2.42	ug/l	99
78) n-propylbenzene	12.17	91	158595	4.67	ug/l	96
80) 1,3,5-Trimethylbenzene	12.33	105	467611	22.78	ug/l	94
83) tert-Butylbenzene	12.58	119	25195	1.07	ug/l	83
84) 1,2,4-Trimethylbenzene	12.64	105	1115540	49.99	ug/l	98
85) sec-Butylbenzene	12.77	105	95968	3.47	ug/l	91
86) p-Isopropyltoluene	12.90	119	73653	3.29	ug/l	98
87) 1,3-Dichlorobenzene	12.86	146	450233	32.87	ug/l	98
88) 1,4-Dichlorobenzene	12.94	146	1562091	116.77	ug/l	95
91) 1,2-Dichlorobenzene	13.21	146	5666490	486.07	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.35	180	40975	3.68	ug/l	97
95) Naphthalene	14.52	128	563964	38.40	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	14937	1.53	ug/l	91

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

