

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040519\
 Data File : VW009740.D
 Acq On : 05 Apr 2019 18:41
 Operator : SY/VA
 Sample : K2277-08
 Misc : 5.22G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF171

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:33:10 AM

Quant Time: Apr 26 00:50:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 03:51:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	350744	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	336779	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152059	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	126174	27.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.96%
7) Chloroethane-d5	2.89	69	116958	27.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.24%
10) 1,1-Dichloroethene-d2	4.02	63	343630	34.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	139.24%#
20) 2-Butanone-d5	7.07	46	116404	78.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.22%#
24) Chloroform-d	7.64	84	276113	28.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.40%
26) 1,2-Dichloroethane-d4	8.31	65	181697	30.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.68%
29) Benzene-d6	8.27	84	525205	29.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.84%
33) 1,2-Dichloropropane-d6	9.27	67	160726	29.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.72%
37) Toluene-d8	10.32	98	469456	28.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.88%
38) trans-1,3-Dichloropropene-	10.58	79	74833	28.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	114.92%
39) 2-Hexanone-d5	10.93	63	81973	79.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	159.28%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	163396	32.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.76%#
61) 1,2-Dichlorobenzene-d4	13.85	152	172134	32.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	129.04%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	209204	44.907	ug/L	83
13) Acetone	4.12	43	5312	3.327	ug/L	96
16) Methylene chloride	4.91	84	6200m	1.002	ug/L	
19) 1,1-Dichloroethane	6.21	63	37132	3.994	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	1069725	206.442	ug/L	99
35) Trichloroethene	9.09	95	758317	143.005	ug/L	99
47) Tetrachloroethene	10.86	164	4532258	1085.208	ug/L	98

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

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