

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
 Data File : VV010438.D
 Acq On : 23 Apr 2019 05:56
 Operator : SY/MD
 Sample : K2455-03
 Misc : 5.07G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHQ5

Manual Integrations
 APPROVED

MMDadoda
 4/25/2019 9:20:42 AM

Quant Time: Apr 23 08:13:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 07:55:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	226214	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	215768	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	105641	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34761	11.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.60%
7) Chloroethane-d5	1.57	69	36774	15.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.68%
10) 1,1-Dichloroethene-d2	2.12	63	61490	10.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.28%#
20) 2-Butanone-d5	3.93	46	32444m	44.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.04%
24) Chloroform-d	4.39	84	111195	20.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.44%
26) 1,2-Dichloroethane-d4	5.08	65	76309	22.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.00%
29) Benzene-d6	5.09	84	202791	20.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.44%
33) 1,2-Dichloropropane-d6	6.11	67	68224	23.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.88%
37) Toluene-d8	7.36	98	185133	18.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.16%
38) trans-1,3-Dichloropropene-	7.66	79	24573	16.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.92%
39) 2-Hexanone-d5	8.13	63	20071	34.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.76%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58075	20.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	77398	19.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.12%

Target Compounds

					Ovalue
13) Acetone	2.18	43	5056	6.473	ug/L 82
16) Methylene chloride	2.53	84	16675	5.026	ug/L 93
44) Toluene	7.43	91	17397	1.509	ug/L 92
54) m,p-Xylene	9.18	106	19912	3.769	ug/L 90
55) o-xylene	9.59	106	18476	3.511	ug/L 93
56) Styrene	9.60	104	53394	6.150	ug/L 92

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

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