

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\
 Data File : VV010737.D
 Acq On : 08 May 2019 20:44
 Operator : SY/MD
 Sample : K2690-15
 Misc : 5.65G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5161

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 3:46:24 AM

Quant Time: May 09 04:09:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 02:55:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	81967	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	81936	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32528	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21451	16.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.40%
7) Chloroethane-d5	1.57	69	22391	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.48%
10) 1,1-Dichloroethene-d2	2.13	63	37143	13.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.80%
20) 2-Butanone-d5	3.93	46	20309	53.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.30%
24) Chloroform-d	4.40	84	50763	22.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.88%
26) 1,2-Dichloroethane-d4	5.08	65	34813	24.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.76%
29) Benzene-d6	5.10	84	96379	22.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.40%
33) 1,2-Dichloropropane-d6	6.12	67	33537	24.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.60%
37) Toluene-d8	7.36	98	85450	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.76%
38) trans-1,3-Dichloropropene-	7.66	79	10713	17.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.40%
39) 2-Hexanone-d5	8.13	63	14143	49.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	32836	25.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	30486	24.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.80%

Target Compounds

					Ovalue
6) Bromomethane	1.52	94	1498	1.926	ug/L 100
13) Acetone	2.19	43	20829	35.211	ug/L 98
15) Methyl Acetate	2.47	43	1601	2.266	ug/L 92
16) Methylene chloride	2.54	84	2138	1.687	ug/L 89
21) 2-Butanone	4.03	43	3001m	5.353	ug/L
35) Trichloroethene	5.96	95	14841	11.015	ug/L 96
47) Tetrachloroethene	8.02	164	9212	9.441	ug/L 96

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

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