

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\
 Data File : VV010729.D
 Acq On : 08 May 2019 16:05
 Operator : SY/MD
 Sample : K2633-14
 Misc : 5.05G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJA6

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 3:46:22 AM

Quant Time: May 09 03:42:31 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	5.67	114	15279	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	13422	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	4217	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	5408	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.12%
7) Chloroethane-d5	1.58	69	5123	26.23	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.92%
10) 1,1-Dichloroethene-d2	2.13	63	7406	14.38	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.52%
20) 2-Butanone-d5	3.95	46	2185m	30.68	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.36%
24) Chloroform-d	4.41	84	9672	23.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	5.09	65	6055	23.28	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.12%
29) Benzene-d6	5.10	84	19261	27.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.04%
33) 1,2-Dichloropropane-d6	6.12	67	6255	27.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.16%
37) Toluene-d8	7.36	98	16098	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.16%
38) trans-1,3-Dichloropropene-	7.67	79	2037	19.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.40%
39) 2-Hexanone-d5	8.14	63	1400m	29.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	4808	22.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	4512	27.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.52%

Target Compounds					Ovalue
16) Methylene chloride	2.54	84	2163	9.156 ug/L	87

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

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