

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
 Data File : VV010423.D
 Acq On : 22 Apr 2019 20:18
 Operator : SY/MD
 Sample : K2456-10
 Misc : 5.06G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHP8

Manual Integrations
 APPROVED

MMDadoda
 4/25/2019 9:20:39 AM

Quant Time: Apr 23 07:25:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 06:57:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	44843	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	38815	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	9729	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	12293	19.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.60%
7) Chloroethane-d5	1.58	69	10521	21.89	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.56%
10) 1,1-Dichloroethene-d2	2.14	63	17170	14.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.52%
20) 2-Butanone-d5	3.96	46	3140m	21.74	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	43.48%
24) Chloroform-d	4.41	84	24595	22.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.76%
26) 1,2-Dichloroethane-d4	5.09	65	12303	18.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.20%
29) Benzene-d6	5.11	84	42814	23.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.56%
33) 1,2-Dichloropropane-d6	6.12	67	11924	22.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.24%
37) Toluene-d8	7.36	98	37907	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.16%
38) trans-1,3-Dichloropropene-	7.67	79	3632	13.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	55.80%
39) 2-Hexanone-d5	8.14	63	2492m	23.73	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.46%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	9275	18.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.04%
61) 1,2-Dichlorobenzene-d4	11.68	152	9493	25.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.68%

Target Compounds					Ovalue
16) Methylene chloride	2.54	84	3151	4.792 ug/L	90
44) Toluene	7.44	91	6490	3.130 ug/L	86

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

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