

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
 Data File : VV010104.D
 Acq On : 03 Apr 2019 21:07
 Operator : SY/MD
 Sample : K2148-16RE
 Misc : 3.76G/10mL/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5J1RE

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 10:40:48 AM

Quant Time: Apr 04 09:53:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	162635	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	120212	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	24608	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42336	19.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.76%
7) Chloroethane-d5	1.56	69	44851	16.58	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.32%
10) 1,1-Dichloroethene-d2	2.12	63	86433	15.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.96%
20) 2-Butanone-d5	3.94	46	12174	19.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	39.30%
24) Chloroform-d	4.40	84	89089	21.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.96%
26) 1,2-Dichloroethane-d4	5.08	65	59849	26.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.44%
29) Benzene-d6	5.10	84	186500	29.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.68%
33) 1,2-Dichloropropane-d6	6.12	67	60363	32.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.24%#
37) Toluene-d8	7.36	98	148951	24.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.20%
38) trans-1,3-Dichloropropene-	7.66	79	11983	15.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.96%
39) 2-Hexanone-d5	8.13	63	7722	20.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.86%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	36529	20.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.52%
61) 1,2-Dichlorobenzene-d4	11.68	152	21640	22.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.32%

Target Compounds

					Ovalue
13) Acetone	2.18	43	2900m	4.734	ug/L
16) Methylene chloride	2.53	84	29322	10.262	ug/L
47) Tetrachloroethene	8.02	164	907	0.640	ug/L #

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

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