

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010194.D
 Acq On : 09 Apr 2019 00:36
 Operator : SY/MD
 Sample : K2254-06
 Misc : 4.44G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC27

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:28:32 AM

Quant Time: Apr 09 08:02:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 07:35:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	201054	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	192020	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71909	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41766	15.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.08%
7) Chloroethane-d5	1.56	69	66801	19.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.92%
10) 1,1-Dichloroethene-d2	2.12	63	62758	9.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	36.96%#
20) 2-Butanone-d5	3.94	46	51762	67.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.16%#
24) Chloroform-d	4.39	84	110595	21.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.32%
26) 1,2-Dichloroethane-d4	5.08	65	79028	27.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.56%
29) Benzene-d6	5.09	84	216968	21.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.16%
33) 1,2-Dichloropropane-d6	6.11	67	73158	24.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.56%
37) Toluene-d8	7.36	98	194522	20.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.08%
38) trans-1,3-Dichloropropene-	7.66	79	24338	19.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.48%
39) 2-Hexanone-d5	8.13	63	33994	57.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	78975	27.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.00%
61) 1,2-Dichlorobenzene-d4	11.67	152	68777	24.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.20%

Target Compounds

					Ovalue
13) Acetone	2.19	43	27877	36.814	ug/L 100
14) Carbon disulfide	2.31	76	20872	3.659	ug/L 99
16) Methylene chloride	2.53	84	14952	4.233	ug/L 97
21) 2-Butanone	4.02	43	5038m	6.075	ug/L

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

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