

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032819\
 Data File : VV009965.D
 Acq On : 28 Mar 2019 15:02
 Operator : SY/MD
 Sample : K2128-09
 Misc : 3.41G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF1H9

Manual Integrations
 APPROVED

MMDadoda
 3/30/2019 12:41:01 AM

Quant Time: Mar 29 05:29:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 02:19:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	180519	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	159388	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49094	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78838	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.08%
7) Chloroethane-d5	1.56	69	91085	23.02	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.08%
10) 1,1-Dichloroethene-d2	2.12	63	176479	17.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.44%
20) 2-Butanone-d5	3.93	46	28841	42.25	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.50%
24) Chloroform-d	4.40	84	93624	20.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.44%
26) 1,2-Dichloroethane-d4	5.08	65	63627	22.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.96%
29) Benzene-d6	5.10	84	219194	26.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.76%
33) 1,2-Dichloropropane-d6	6.12	67	62898	25.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.72%
37) Toluene-d8	7.36	98	191037	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.44%
38) trans-1,3-Dichloropropene-	7.66	79	20240	20.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.80%
39) 2-Hexanone-d5	8.13	63	18659	40.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49016	20.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.88%
61) 1,2-Dichlorobenzene-d4	11.68	152	41710	22.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.24%

Target Compounds					Ovalue
13) Acetone	2.18	43	55597	53.794 ug/L	99
16) Methylene chloride	2.53	84	5013	1.686 ug/L	95
21) 2-Butanone	4.02	43	11362m	12.344 ug/L	

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

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