

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032819\
 Data File : VV009963.D
 Acq On : 28 Mar 2019 14:10
 Operator : SY/MD
 Sample : K2128-04
 Misc : 5.20G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0L9

Manual Integrations
 APPROVED

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

Quant Time: Mar 29 05:28:34 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	134091	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	123959	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44513	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40963	15.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.20%
7) Chloroethane-d5	1.55	69	46739	15.90	ug/L	-0.03
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.60%
10) 1,1-Dichloroethene-d2	2.11	63	135112	18.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.60%
20) 2-Butanone-d5	3.93	46	24358m	48.04	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.08%
24) Chloroform-d	4.39	84	45825	13.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	53.64%
26) 1,2-Dichloroethane-d4	5.07	65	50539	24.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.32%
29) Benzene-d6	5.09	84	170403	26.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.72%
33) 1,2-Dichloropropane-d6	6.11	67	50007	26.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.04%
37) Toluene-d8	7.36	98	149417	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.00%
38) trans-1,3-Dichloropropene-	7.66	79	16393	21.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.16%
39) 2-Hexanone-d5	8.13	63	16529	46.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.00%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43666	23.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.64%
61) 1,2-Dichlorobenzene-d4	11.68	152	40572	23.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.76%

Target Compounds					Ovalue
16) Methylene chloride	2.53	84	5937	2.689 ug/L	100
22) cis-1,2-Dichloroethene	3.95	96	2060	1.062 ug/L #	80
35) Trichloroethene	5.96	95	3445m	1.919 ug/L	

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

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