

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010193.D
 Acq On : 09 Apr 2019 00:10
 Operator : SY/MD
 Sample : K2254-05
 Misc : 4.51G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC26

Manual Integrations
 APPROVED

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

Quant Time: Apr 09 07:59:08 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	274582	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	245572	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89034	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	71631	19.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.96%
7) Chloroethane-d5	1.56	69	106384	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.20%
10) 1,1-Dichloroethene-d2	2.11	63	103646	11.18	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.72%#
20) 2-Butanone-d5	3.94	46	45363	43.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.74%
24) Chloroform-d	4.40	84	142570	20.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.44%
26) 1,2-Dichloroethane-d4	5.08	65	88336	22.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.28%
29) Benzene-d6	5.09	84	294379	23.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.48%
33) 1,2-Dichloropropane-d6	6.11	67	90727	24.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.56%
37) Toluene-d8	7.36	98	274170	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.36%
38) trans-1,3-Dichloropropene-	7.66	79	28745	17.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.56%
39) 2-Hexanone-d5	8.13	63	31709	42.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	77476	20.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.60%
61) 1,2-Dichlorobenzene-d4	11.68	152	83095	23.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.84%

Target Compounds

					Ovalue
13) Acetone	2.19	43	13660	13.208	ug/L 97
14) Carbon disulfide	2.31	76	4758	0.611	ug/L # 90
16) Methylene chloride	2.53	84	16314	3.382	ug/L 94
21) 2-Butanone	4.05	43	2614m	2.308	ug/L

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

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