

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040619\
 Data File : VV010162.D
 Acq On : 06 Apr 2019 19:05
 Operator : SY/MD
 Sample : K2188-10RE
 Misc : 5.37G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF654RE

Quant Time: Apr 07 03:04:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 00:49:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	228887	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	165328	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43469	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51351	16.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.04%
7) Chloroethane-d5	1.57	69	56273	14.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.16%
10) 1,1-Dichloroethene-d2	2.13	63	114907	14.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.48%
20) 2-Butanone-d5	3.94	46	47969	55.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.02%
24) Chloroform-d	4.40	84	136533	23.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.72%
26) 1,2-Dichloroethane-d4	5.08	65	84571	26.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.84%
29) Benzene-d6	5.10	84	265278	30.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.76%
33) 1,2-Dichloropropane-d6	6.12	67	84315	33.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.28%#
37) Toluene-d8	7.36	98	212250	25.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.76%
38) trans-1,3-Dichloropropene-	7.66	79	28297	26.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.64%
39) 2-Hexanone-d5	8.13	63	35665	70.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.56%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	53779	21.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.20%
61) 1,2-Dichlorobenzene-d4	11.67	152	37456	22.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.48%

Target Compounds

					Ovalue
13) Acetone	2.19	43	23911	27.736	ug/L 100
14) Carbon disulfide	2.32	76	26791	4.125	ug/L 98
16) Methylene chloride	2.54	84	17185	4.273	ug/L 84
21) 2-Butanone	4.04	43	4725	5.005	ug/L 91
30) Cyclohexane	4.72	56	6723	2.253	ug/L 90
36) Methylcyclohexane	6.17	83	26670	7.650	ug/L 93
44) Toluene	7.43	91	21329	2.351	ug/L 95
53) Ethylbenzene	9.06	91	83891	8.431	ug/L 99
54) m,p-Xylene	9.18	106	112513	29.053	ug/L 97
55) o-xylene	9.59	106	62053	16.539	ug/L 96
57) Isopropylbenzene	9.97	105	51771	5.232	ug/L 99

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

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