

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\
 Data File : VV010724.D
 Acq On : 08 May 2019 11:31
 Operator : SY/MD
 Sample : K2690-13
 Misc : 6.13G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5159

Quant Time: May 09 02:50:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 02:24:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	69824	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	67793	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	25873	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	18165	16.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.00%
7) Chloroethane-d5	1.57	69	17366	19.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.80%
10) 1,1-Dichloroethene-d2	2.12	63	34084	14.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.96%
20) 2-Butanone-d5	3.93	46	24666	75.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.56%#
24) Chloroform-d	4.40	84	41573	21.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.36%
26) 1,2-Dichloroethane-d4	5.08	65	30666	25.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.16%
29) Benzene-d6	5.09	84	78140	21.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.60%
33) 1,2-Dichloropropane-d6	6.11	67	27446	24.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.56%
37) Toluene-d8	7.36	98	66856	19.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.28%
38) trans-1,3-Dichloropropene-	7.66	79	9403	18.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.56%
39) 2-Hexanone-d5	8.13	63	15523	65.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.48%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	32234	30.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.68%#
61) 1,2-Dichlorobenzene-d4	11.67	152	24732	24.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	6312	5.742	ug/L #	18
13) Acetone	2.19	43	5825	11.559	ug/L	90
14) Carbon disulfide	2.31	76	9520	3.524	ug/L	99
15) Methyl Acetate	2.46	43	8035	13.347	ug/L	99
16) Methylene chloride	2.53	84	1552	1.438	ug/L	88
22) cis-1,2-Dichloroethene	3.96	96	1424759	1255.215	ug/L	97
35) Trichloroethene	5.96	95	1895	1.700	ug/L #	1
53) Ethylbenzene	9.06	91	7832	1.494	ug/L	91
54) m,p-Xylene	9.18	106	10007	5.111	ug/L	95
55) o-xylene	9.59	106	1999	1.029	ug/L	72

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

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