

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\
 Data File : VV010738.D
 Acq On : 08 May 2019 21:12
 Operator : SY/MD
 Sample : K2690-16
 Misc : 6.69G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5162

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 3:46:25 AM

Quant Time: May 09 04:18:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 02:55:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	19093	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	19202	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	8866	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6481	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.40%
7) Chloroethane-d5	1.58	69	6153	25.21	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.84%
10) 1,1-Dichloroethene-d2	2.13	63	10806	16.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.20%
20) 2-Butanone-d5	3.94	46	7387	83.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	166.00%#
24) Chloroform-d	4.40	84	13109	25.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.72%
26) 1,2-Dichloroethane-d4	5.08	65	8413	25.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.52%
29) Benzene-d6	5.10	84	22310	22.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.28%
33) 1,2-Dichloropropane-d6	6.12	67	12513	38.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	155.40%#
37) Toluene-d8	7.35	98	27422m	28.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.32%
38) trans-1,3-Dichloropropene-	7.67	79	3158	21.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.04%
39) 2-Hexanone-d5	8.13	63	6346	94.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	188.32%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42718m	141.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	564.56%#
61) 1,2-Dichlorobenzene-d4	11.68	152	9643	28.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.19	43	30735	223.051	ug/L	99
14) Carbon disulfide	2.31	76	4671	6.324	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	942m	3.467	ug/L	
22) cis-1,2-Dichloroethene	3.96	96	126286	406.876	ug/L	97
30) Cyclohexane	4.72	56	7235m	15.023	ug/L	
36) Methylcyclohexane	6.18	83	133140	263.092	ug/L	90
44) Toluene	7.43	91	8748	6.833	ug/L	98
47) Tetrachloroethene	8.02	164	603	2.637	ug/L #	67
53) Ethylbenzene	9.05	91	14135	9.522	ug/L	97
54) m,p-Xylene	9.18	106	10447	18.837	ug/L	89
57) Isopropylbenzene	9.98	105	57828	39.401	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	2766	4.615	ug/L #	1

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

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