

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050719\
 Data File : VW010306.D
 Acq On : 07 May 2019 18:58
 Operator : SY/VA
 Sample : K2690-10
 Misc : 5.44G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5156

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 6:02:45 PM

Quant Time: May 08 06:41:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 02:05:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	658282	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	555372	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	303441	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	130337	17.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.04%
7) Chloroethane-d5	2.89	69	108958	16.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.96%
10) 1,1-Dichloroethene-d2	4.01	63	206405	10.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.24%#
20) 2-Butanone-d5	7.09	46	192289	54.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.30%
24) Chloroform-d	7.64	84	381792	21.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.12%
26) 1,2-Dichloroethane-d4	8.30	65	222045	21.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.56%
29) Benzene-d6	8.27	84	708590	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.27	67	253076	27.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.76%
37) Toluene-d8	10.32	98	553000	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.24%
38) trans-1,3-Dichloropropene-	10.58	79	96503	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.56%
39) 2-Hexanone-d5	10.93	63	127420	54.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	272865	31.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.44%#
61) 1,2-Dichlorobenzene-d4	13.86	152	259523	25.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	30491	3.412	ug/L #	1
13) Acetone	4.12	43	10391m	3.420	ug/L	
14) Carbon disulfide	4.38	76	27767	1.015	ug/L	97
16) Methylene chloride	4.91	84	28232m	3.168	ug/L	
19) 1,1-Dichloroethane	6.20	63	10635	0.602	ug/L	89
22) cis-1,2-Dichloroethene	7.16	96	14067122	1477.745	ug/L	97
35) Trichloroethene	9.09	95	78290	8.692	ug/L	95

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

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