

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
 Data File : VW011269.D
 Acq On : 15 Jul 2019 18:51
 Operator : SY/VA
 Sample : K3798-06
 Misc : 4.73G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H0

Manual Integrations
 APPROVED

MMDadoda
 7/18/2019 7:53:38 AM

Quant Time: Jul 16 07:04:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 05:02:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	260994	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	210157	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	71340	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	63052	15.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.28%
7) Chloroethane-d5	2.88	69	53124	19.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.00%
10) 1,1-Dichloroethene-d2	4.01	63	117195	13.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.56%
20) 2-Butanone-d5	7.07	46	118389	75.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.82%#
24) Chloroform-d	7.65	84	162036	22.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	8.30	65	113921	25.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.44%
29) Benzene-d6	8.27	84	318473	24.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.40%
33) 1,2-Dichloropropane-d6	9.27	67	115404	27.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.48%
37) Toluene-d8	10.32	98	258724	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.68%
38) trans-1,3-Dichloropropene-	10.58	79	44514	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.32%
39) 2-Hexanone-d5	10.93	63	79146	81.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	163.72%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112520	32.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.08%#
61) 1,2-Dichlorobenzene-d4	13.85	152	65390	23.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.52%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.35	62	12358	2.717	ug/L	88
13) Acetone	4.12	43	47902	31.240	ug/L	100
14) Carbon disulfide	4.38	76	7891	0.804	ug/L	98
18) trans-1,2-Dichloroethene	5.41	96	3146m	0.908	ug/L	
21) 2-Butanone	7.17	43	12584	6.357	ug/L	79
22) cis-1,2-Dichloroethene	7.17	96	150152	40.023	ug/L	98
35) Trichloroethene	9.09	95	35108	10.592	ug/L	98

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

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