

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031619\
 Data File : VW009209.D
 Acq On : 16 Mar 2019 14:49
 Operator : SY/VA
 Sample : K1939-21
 Misc : 5.21G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0Y4

Manual Integrations
 APPROVED

MMDadoda
 3/19/2019 10:03:25 AM

Quant Time: Mar 18 03:01:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 02:40:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	430661	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	409046	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195049	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	145453	28.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.04%
7) Chloroethane-d5	2.89	69	131902	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.60%
10) 1,1-Dichloroethene-d2	4.01	63	217872	19.59	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.36%
20) 2-Butanone-d5	7.08	46	99536	46.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.54%
24) Chloroform-d	7.65	84	281510	23.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	8.31	65	168227m	23.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.04%
29) Benzene-d6	8.27	84	546957	24.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.00%
33) 1,2-Dichloropropane-d6	9.27	67	163524	24.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.52%
37) Toluene-d8	10.32	98	493975	23.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.72%
38) trans-1,3-Dichloropropene-	10.58	79	76839	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.32%
39) 2-Hexanone-d5	10.93	63	77375	47.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	152261	22.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	186317	24.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.64%

Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	7.17	96	331323	54.854 ug/L	97
35) Trichloroethene	9.09	95	52770	8.845 ug/L	98
47) Tetrachloroethene	10.86	164	116806	23.172 ug/L	98

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

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