

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032119\
 Data File : VW009324.D
 Acq On : 21 Mar 2019 13:52
 Operator : SY/VA
 Sample : K1988-21
 Misc : 5.26G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0D3

Manual Integrations
 APPROVED

MMDadoda
 3/23/2019 3:00:39 AM

Quant Time: Mar 22 10:06:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 09:38:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	376561	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	338281	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144709	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	113982	25.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.32%
7) Chloroethane-d5	2.89	69	110213	20.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.72%
10) 1,1-Dichloroethene-d2	4.02	63	172423	17.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.92%
20) 2-Butanone-d5	7.07	46	56007	30.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.20%
24) Chloroform-d	7.64	84	240933	23.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	8.31	65	137733	22.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.00%
29) Benzene-d6	8.27	84	447876	24.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.04%
33) 1,2-Dichloropropane-d6	9.27	67	135009	24.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.36%
37) Toluene-d8	10.32	98	389369	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.28%
38) trans-1,3-Dichloropropene-	10.58	79	55022	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.20%
39) 2-Hexanone-d5	10.93	63	40472	29.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109258	19.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	128061	23.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	8682m	1.581	ug/L	
22) cis-1,2-Dichloroethene	7.17	96	46945	8.889	ug/L	98
35) Trichloroethene	9.09	95	5821859	1180.018	ug/L	97
47) Tetrachloroethene	10.86	164	78116	18.739	ug/L	99

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

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