

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112219\
 Data File : VW014094.D
 Acq On : 22 Nov 2019 14:47
 Operator : SY/VA
 Sample : K5989-04
 Misc : 5.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BH9

Manual Integrations
 APPROVED

MMDadoda
 11/26/2019 1:35:32 AM

Quant Time: Nov 22 23:17:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 22 23:01:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	310739	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	249192	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	89819	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	96943	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.20%
7) Chloroethane-d5	2.89	69	92106	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.68%
10) 1,1-Dichloroethene-d2	4.02	63	159648	15.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.76%
20) 2-Butanone-d5	7.08	46	65213	45.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.56%
24) Chloroform-d	7.65	84	244546	25.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.36%
26) 1,2-Dichloroethane-d4	8.31	65	123474	25.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.80%
29) Benzene-d6	8.27	84	504827	28.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.20%
33) 1,2-Dichloropropane-d6	9.27	67	155550	30.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.12%#
37) Toluene-d8	10.32	98	424355	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.24%
38) trans-1,3-Dichloropropene-	10.57	79	47976	21.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.52%
39) 2-Hexanone-d5	10.92	63	45721	46.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101593	25.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	96051	26.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	9696m	1.621	ug/L	
36) Methylcyclohexane	9.34	83	4966	0.568	ug/L	# 82
44) Toluene	10.38	91	1099959	55.195	ug/L	98
54) m,p-Xylene	11.83	106	4537	0.534	ug/L	91

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

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