

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112519\
 Data File : VW014108.D
 Acq On : 25 Nov 2019 13:39
 Operator : SY/VA
 Sample : K6007-04
 Misc : 5.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BL2

Manual Integrations
 APPROVED

apatel
 11/27/2019 5:13:12 PM

Quant Time: Nov 26 09:35:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 26 07:45:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	329013	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	246005	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	71555	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75303	14.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.40%
7) Chloroethane-d5	2.89	69	79713	18.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.92%
10) 1,1-Dichloroethene-d2	4.01	63	125041	11.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.44%
20) 2-Butanone-d5	7.07	46	56219	36.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.72%
24) Chloroform-d	7.64	84	215997	21.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	8.30	65	99877	19.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.56%
29) Benzene-d6	8.27	84	443285	25.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.60%
33) 1,2-Dichloropropane-d6	9.27	67	141284	27.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.52%
37) Toluene-d8	10.32	98	358603	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.64%
38) trans-1,3-Dichloropropene-	10.58	79	29880	13.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.60%
39) 2-Hexanone-d5	10.92	63	39394	40.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88849	23.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	83533	29.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.24%

Target Compounds

					Ovalue
13) Acetone	4.11	43	9546	6.152	ug/L 70
16) Methylene chloride	4.92	84	15097m	2.383	ug/L
63) 1,3-Dichlorobenzene	13.51	146	2356	0.469	ug/L 98
64) 1,4-Dichlorobenzene	13.58	146	1777	0.358	ug/L 92
68) 1,2,4-trichlorobenzene	15.14	180	1015	0.337	ug/L # 81

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

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