

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112519\
 Data File : VW014114.D
 Acq On : 25 Nov 2019 16:28
 Operator : SY/VA
 Sample : K6007-09
 Misc : 4.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BL7

Manual Integrations
 APPROVED

apatel
 11/27/2019 5:13:26 PM

Quant Time: Nov 26 08:23:51 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	220829	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	104790	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	13289	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	82513	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.68%
7) Chloroethane-d5	2.89	69	81672	28.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.36%
10) 1,1-Dichloroethene-d2	4.01	63	126988	17.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.24%
20) 2-Butanone-d5	7.07	46	76734	74.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.94%#
24) Chloroform-d	7.65	84	216724	31.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	127.68%
26) 1,2-Dichloroethane-d4	8.31	65	102814	30.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.48%
29) Benzene-d6	8.27	84	419016	56.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	225.44%#
33) 1,2-Dichloropropane-d6	9.27	67	134110	61.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	246.32%#
37) Toluene-d8	10.32	98	249472	35.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	141.52%#
38) trans-1,3-Dichloropropene-	10.57	79	22524	24.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.60%
39) 2-Hexanone-d5	10.92	63	38379	92.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	185.84%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84607	51.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	205.76%#
61) 1,2-Dichlorobenzene-d4	13.85	152	20510	38.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	153.64%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	7103m	6.820	ug/L	
16) Methylene chloride	4.92	84	18541	4.361	ug/L	91
31) 1,1,1-Trichloroethane	7.87	97	3387	1.290	ug/L	99
36) Methylcyclohexane	9.33	83	3317	0.902	ug/L #	77
44) Toluene	10.38	91	2667	0.318	ug/L	85
54) m,p-Xylene	11.84	106	2266	0.634	ug/L	86
55) o-xylene	12.17	106	960	0.287	ug/L	64

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

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