

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080320\
 Data File : VW016029.D
 Acq On : 03 Aug 2020 12:43
 Operator : SY/VA
 Sample : L3533-01
 Misc : 3.22G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CB7H4

Manual Integrations
 APPROVED

MMDadoda
 8/5/2020 2:40:03 PM

Quant Time: Aug 04 04:56:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 04 03:35:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	403052	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	318547	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	91717	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111629	19.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.52%
7) Chloroethane-d5	2.90	69	97130	21.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.12%
10) 1,1-Dichloroethene-d2	4.01	63	177166	15.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.64%
20) 2-Butanone-d5	7.09	46	54506	36.48	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.96%
24) Chloroform-d	7.65	84	237752	21.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	8.31	65	118770	19.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.44%
29) Benzene-d6	8.28	84	482373	24.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.52%
33) 1,2-Dichloropropane-d6	9.28	67	149187	25.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.64%
37) Toluene-d8	10.33	98	399538	22.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.00%
38) trans-1,3-Dichloropropene-	10.58	79	52405	21.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.60%
39) 2-Hexanone-d5	10.93	63	42297	43.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87688	19.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	77054	21.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.14	43	8029	6.400	ug/L	91
14) Carbon disulfide	4.38	76	7508	0.459	ug/L	98
16) Methylene chloride	4.92	84	36858	5.581	ug/L	93
21) 2-Butanone	7.18	43	4298m	2.770	ug/L	
35) Trichloroethene	9.10	95	2725	0.532	ug/L	96
36) Methylcyclohexane	9.34	83	17022	1.938	ug/L #	77
52) Chlorobenzene	11.66	112	6335	0.487	ug/L	98
54) m,p-Xylene	11.84	106	3204	0.375	ug/L #	43
57) Isopropylbenzene	12.47	105	13688	0.626	ug/L #	69
63) 1,3-Dichlorobenzene	13.51	146	1800	0.307	ug/L #	32
64) 1,4-Dichlorobenzene	13.58	146	2764	0.464	ug/L #	1
65) 1,2-Dichlorobenzene	13.87	146	4841	0.908	ug/L #	61

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

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