

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012920\
 Data File : VW014792.D
 Acq On : 29 Jan 2020 13:13
 Operator : SY/VA
 Sample : L1271-07
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASZ8

Manual Integrations
 APPROVED

MMDadoda
 1/30/2020 5:33:47 PM

Quant Time: Jan 30 07:15:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 30 07:05:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	878393	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	820648	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	395569	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	346112	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.52%
7) Chloroethane-d5	2.89	69	288741	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.72%
10) 1,1-Dichloroethene-d2	4.01	63	425662	16.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.64%
20) 2-Butanone-d5	7.07	46	150066	37.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.98%
24) Chloroform-d	7.65	84	559578	23.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.32%
26) 1,2-Dichloroethane-d4	8.31	65	300619m	23.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.08%
29) Benzene-d6	8.27	84	1154907	22.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.44%
33) 1,2-Dichloropropane-d6	9.27	67	358763	22.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.40%
37) Toluene-d8	10.32	98	1024988	22.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.12%
38) trans-1,3-Dichloropropene-	10.57	79	141710	22.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.60%
39) 2-Hexanone-d5	10.92	63	111090	36.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	249101	19.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	344584	22.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	11140	2.633	ug/L	89
16) Methylene chloride	4.92	84	30110	2.028	ug/L	97
44) Toluene	10.38	91	96675	1.810	ug/L	99
53) Ethylbenzene	11.73	91	21488	0.368	ug/L	91
54) m,p-Xylene	11.84	106	85009	3.897	ug/L	98
55) o-xylene	12.16	106	114563	5.597	ug/L	100
56) Styrene	12.18	104	105496	3.039	ug/L	96

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

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