

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081120\
 Data File : VW016133.D
 Acq On : 11 Aug 2020 14:01
 Operator : SY/VA
 Sample : L3598-13
 Misc : 6.23G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY69

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 1:42:16 PM

Quant Time: Aug 11 18:19:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	432812	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	399434	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	164273	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	114813	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.60%
7) Chloroethane-d5	2.89	69	84955	20.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.44%
10) 1,1-Dichloroethene-d2	4.01	63	183845	16.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.52%
20) 2-Butanone-d5	7.09	46	86271m	61.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.20%
24) Chloroform-d	7.65	84	262442	22.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.36%
26) 1,2-Dichloroethane-d4	8.31	65	156822	25.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.68%
29) Benzene-d6	8.27	84	525544	24.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.76%
33) 1,2-Dichloropropane-d6	9.27	67	155646	24.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.44%
37) Toluene-d8	10.33	98	470138	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.36%
38) trans-1,3-Dichloropropene-	10.58	79	73389	25.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.20%
39) 2-Hexanone-d5	10.93	63	71570	64.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.86%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	149546	28.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	145709	25.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.08%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	9261	8.670	ug/L	92
30) Cyclohexane	7.93	56	18050	2.077	ug/L #	33
34) Benzene	8.32	78	110217	4.785	ug/L	100
36) Methylcyclohexane	9.34	83	20010	1.961	ug/L	89
44) Toluene	10.39	91	175327	7.211	ug/L	99
53) Ethylbenzene	11.73	91	124045	4.496	ug/L	97
54) m,p-Xylene	11.84	106	12871	1.240	ug/L	91
55) o-xylene	12.17	106	4082	0.418	ug/L	88

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

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