

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017062.D
 Acq On : 03 Nov 2020 16:20
 Operator : SY/VA
 Sample : L4615-05
 Misc : 4.99G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG477

Quant Time: Nov 04 05:24:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 04:03:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	240971	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	206018	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	75759	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	61770	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.84%
7) Chloroethane-d5	2.89	69	53900	25.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.04%
10) 1,1-Dichloroethene-d2	4.02	63	96910	17.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.64%
20) 2-Butanone-d5	7.08	46	24831	47.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.80%
24) Chloroform-d	7.65	84	130407	23.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.84%
26) 1,2-Dichloroethane-d4	8.31	65	63290	24.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.76%
29) Benzene-d6	8.28	84	265628	25.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.40%
33) 1,2-Dichloropropane-d6	9.27	67	74140	25.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.80%
37) Toluene-d8	10.33	98	235680	23.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.60%
38) trans-1,3-Dichloropropene-	10.58	79	27264	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.96%
39) 2-Hexanone-d5	10.93	63	20254	50.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	51924	23.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	65472	24.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.36	62	1174	0.338	ug/L #	1
12) 1,1-Dichloroethene	4.05	96	12445	3.945	ug/L #	56
13) Acetone	4.13	43	3419	9.699	ug/L	98
16) Methylene chloride	4.92	84	6266	1.967	ug/L	86
22) cis-1,2-Dichloroethene	7.17	96	16348	4.901	ug/L	89
34) Benzene	8.32	78	102499	9.006	ug/L	100
35) Trichloroethene	9.10	95	326326	103.528	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	1776	1.474	ug/L #	90
47) Tetrachloroethene	10.87	164	4056930	1399.197	ug/L	94

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

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