

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017564.D
 Acq On : 04 Dec 2020 18:25
 Operator : SY/VA
 Sample : L4955-07
 Misc : 5.69G/10ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4K2

Quant Time: Dec 20 03:41:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 01:44:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	409490	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	354985	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	141541	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	91227	16.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.76%
7) Chloroethane-d5	2.90	69	84745	18.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.56%
10) 1,1-Dichloroethene-d2	4.03	63	164470	13.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.84%
20) 2-Butanone-d5	7.09	46	50210	44.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.40%
24) Chloroform-d	7.65	84	243933	20.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.88%
26) 1,2-Dichloroethane-d4	8.31	65	123267	21.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.40%
29) Benzene-d6	8.27	84	453536	20.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.12%
33) 1,2-Dichloropropane-d6	9.28	67	135610	22.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.80%
37) Toluene-d8	10.32	98	402600	20.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.00%
38) trans-1,3-Dichloropropene-	10.58	79	51868	19.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.88%
39) 2-Hexanone-d5	10.93	63	33084	44.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92927	21.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	110897	21.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.64%

Target Compounds

					Ovalue
13) Acetone	4.14	43	4077	3.730 ug/L	87
14) Carbon disulfide	4.40	76	7784	0.479 ug/L #	92
16) Methylene chloride	4.92	84	20456	3.327 ug/L	96
34) Benzene	8.32	78	6901	0.323 ug/L	100
35) Trichloroethene	9.10	95	7963	1.346 ug/L	92
47) Tetrachloroethene	10.87	164	460060	91.287 ug/L	92

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

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