

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017566.D
 Acq On : 04 Dec 2020 19:12
 Operator : SY/VA
 Sample : L4955-10
 Misc : 5.49G/10ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4K5

Quant Time: Dec 20 03:44:40 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	8.84	114	378303	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	326825	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	128708	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	86990	17.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.92%
7) Chloroethane-d5	2.89	69	81186	19.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.32%
10) 1,1-Dichloroethene-d2	4.03	63	150573	13.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.36%
20) 2-Butanone-d5	7.08	46	52222	49.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.52%
24) Chloroform-d	7.65	84	232033	21.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.36%
26) 1,2-Dichloroethane-d4	8.31	65	120485	22.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.40%
29) Benzene-d6	8.28	84	436608	21.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.88%
33) 1,2-Dichloropropane-d6	9.27	67	129429	23.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.08%
37) Toluene-d8	10.33	98	385370	21.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.24%
38) trans-1,3-Dichloropropene-	10.58	79	47816	19.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.96%
39) 2-Hexanone-d5	10.93	63	30704	44.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94609	23.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	108399	22.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.00%

Target Compounds

					Ovalue
5) Vinyl chloride	2.37	62	4458	0.971 ug/L #	55
13) Acetone	4.12	43	6402	6.340 ug/L	97
14) Carbon disulfide	4.39	76	4947	0.330 ug/L #	92
16) Methylene chloride	4.92	84	18591	3.273 ug/L	92
35) Trichloroethene	9.10	95	1169	0.215 ug/L	89
47) Tetrachloroethene	10.87	164	20062	4.324 ug/L	89

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

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