

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017565.D
 Acq On : 04 Dec 2020 18:48
 Operator : SY/VA
 Sample : L4955-08
 Misc : 6.24G/10ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4K3

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 1:36:42 PM

Quant Time: Dec 20 03:43:22 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	434327	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	355673	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	127957	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	88712	15.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.12%
7) Chloroethane-d5	2.89	69	81695	16.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.80%
10) 1,1-Dichloroethene-d2	4.03	63	164381	12.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.68%
20) 2-Butanone-d5	7.09	46	59912	49.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.44%
24) Chloroform-d	7.65	84	243046	19.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	8.31	65	130442	21.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.20%
29) Benzene-d6	8.27	84	452251	20.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.72%
33) 1,2-Dichloropropane-d6	9.27	67	135604	22.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.64%
37) Toluene-d8	10.32	98	389959	19.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.32%
38) trans-1,3-Dichloropropene-	10.58	79	54411	20.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.48%
39) 2-Hexanone-d5	10.93	63	35768	47.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98416	22.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	97934	20.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	12631	2.097	ug/L #	1
13) Acetone	4.13	43	8734	7.533	ug/L	78
14) Carbon disulfide	4.39	76	4740	0.275	ug/L #	80
16) Methylene chloride	4.92	84	40481	6.208	ug/L	93
22) cis-1,2-Dichloroethene	7.17	96	15158	2.347	ug/L	88
34) Benzene	8.32	78	23119	1.081	ug/L	100
35) Trichloroethene	9.09	95	3552797	599.489	ug/L	97
47) Tetrachloroethene	10.87	164	22164423m	4389.465	ug/L	
54) m,p-Xylene	11.83	106	2565	0.258	ug/L	84

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

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