

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017171.D
 Acq On : 11 Nov 2020 18:08
 Operator : SY/VA
 Sample : L4693-22
 Misc : 5.45G/10ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4E8

Manual Integrations
 APPROVED

M
 MDadoda
 11/13/2020
 11:41:11 AM

Quant Time: Nov 12 06:11:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	464675	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	419888	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	197171	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128238	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.64%
7) Chloroethane-d5	2.90	69	108301	24.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.04%
10) 1,1-Dichloroethene-d2	4.03	63	177640	16.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.88%
20) 2-Butanone-d5	7.09	46	41958	32.06	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.12%
24) Chloroform-d	7.65	84	255203	23.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.12%
26) 1,2-Dichloroethane-d4	8.31	65	123488m	22.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.60%
29) Benzene-d6	8.28	84	516360	24.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.60%
33) 1,2-Dichloropropane-d6	9.28	67	141122	23.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.44%
37) Toluene-d8	10.33	98	490046	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.24%
38) trans-1,3-Dichloropropene-	10.58	79	53032	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.56%
39) 2-Hexanone-d5	10.93	63	34582	33.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98551	19.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	167575	24.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.15	43	4265	4.867	ug/L	96
14) Carbon disulfide	4.39	76	24299	1.548	ug/L	96
16) Methylene chloride	4.93	84	5179	0.827	ug/L	87
17) Methyl tert-butyl Ether	5.43	73	35869	5.093	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	8566	1.357	ug/L	95
34) Benzene	8.32	78	27805	1.261	ug/L	100
35) Trichloroethene	9.10	95	240344	38.914	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	2379	0.748	ug/L	96
47) Tetrachloroethene	10.87	164	1742452	312.693	ug/L	94

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

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