

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101520\
 Data File : VW016902.D
 Acq On : 14 Oct 2020 14:00
 Operator : SY/VA
 Sample : L4382-12
 Misc : 5.70G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y0

Manual Integrations
 APPROVED

MMDadoda
 10/19/2020 10:59:10 AM

Quant Time: Oct 15 09:12:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 15 08:29:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	429345	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.65	117	295422	25.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	13.56	152	126598	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	95824	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.48%
7) Chloroethane-d5	2.90	69	87576	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.60%
10) 1,1-Dichloroethene-d2	4.03	63	161547	17.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.84%
20) 2-Butanone-d5	7.08	46	54168	56.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.92%
24) Chloroform-d	7.65	84	234202	25.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	8.31	65	122262	27.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.76%
29) Benzene-d6	8.28	84	449396	33.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	133.96%
33) 1,2-Dichloropropane-d6	9.28	67	122008	33.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.36%#
37) Toluene-d8	10.34	98	394882	31.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	124.76%
38) trans-1,3-Dichloropropene-	10.59	79	55457	34.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	139.48%#
39) 2-Hexanone-d5	0.00	63	0d	0.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	86425	29.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	109054	27.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.36	62	1826	0.311	ug/L #	1
12) 1,1-Dichloroethene	4.06	96	15136	2.727	ug/L #	1
13) Acetone	4.14	43	5985	8.244	ug/L	99
14) Carbon disulfide	4.40	76	10653	0.669	ug/L #	94
16) Methylene chloride	4.94	84	12901m	2.177	ug/L	
19) 1,1-Dichloroethane	6.22	63	2918	0.327	ug/L #	96
22) cis-1,2-Dichloroethene	7.18	96	11245	1.900	ug/L	97
34) Benzene	8.33	78	351450	22.153	ug/L	100
35) Trichloroethene	9.10	95	1772344	394.953	ug/L	99
47) Tetrachloroethene	10.86	164	40770045m	9799.627	ug/L	
53) Ethylbenzene	11.74	91	9621	0.487	ug/L	95
54) m,p-Xylene	11.85	106	19365	2.522	ug/L	90
55) o-xylene	12.18	106	10554	1.439	ug/L	96
57) Isopropylbenzene	12.47	105	16329	0.813	ug/L #	97
64) 1,4-Dichlorobenzene	13.58	146	39003	4.840	ug/L #	90
65) 1,2-Dichlorobenzene	13.87	146	40879	5.667	ug/L #	87

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

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