

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016614.D
 Acq On : 22 Sep 2020 16:41
 Operator : SY/VA
 Sample : L4109-04
 Misc : 6.04G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3W8

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 3:16:18 PM

Quant Time: Sep 23 08:44:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 07:21:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	695923	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	611487	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	298141	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	171477	25.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.84%
7) Chloroethane-d5	2.90	69	146707	26.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.68%
10) 1,1-Dichloroethene-d2	4.03	63	323144	21.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.84%
20) 2-Butanone-d5	7.09	46	76222	41.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.00%
24) Chloroform-d	7.65	84	361960	24.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.44%
26) 1,2-Dichloroethane-d4	8.31	65	186705m	24.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.92%
29) Benzene-d6	8.28	84	718397	26.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.80%
33) 1,2-Dichloropropane-d6	9.28	67	197177	26.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.12%
37) Toluene-d8	10.33	98	700975	25.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.92%
38) trans-1,3-Dichloropropene-	10.58	79	86625	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.48%
39) 2-Hexanone-d5	10.93	63	61973	45.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	145333	22.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	249957	26.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.96%

Target Compounds

					Ovalue
5) Vinyl chloride	2.37	62	2422	0.261 ug/L #	1
12) 1,1-Dichloroethene	4.06	96	116798	13.250 ug/L #	76
13) Acetone	4.13	43	13218	9.188 ug/L	99
14) Carbon disulfide	4.39	76	8859m	0.333 ug/L	
16) Methylene chloride	4.93	84	66874	6.230 ug/L	90
18) trans-1,2-Dichloroethene	5.43	96	5722	0.627 ug/L	92
19) 1,1-Dichloroethane	6.23	63	77891	5.396 ug/L	98
22) cis-1,2-Dichloroethene	7.18	96	1565717	165.305 ug/L	98
30) Cyclohexane	7.96	56	99273	7.429 ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	2097764	146.888 ug/L	100
34) Benzene	8.33	78	10886	0.332 ug/L	100
35) Trichloroethene	9.10	95	179529	18.933 ug/L	99
44) Toluene	10.39	91	11177337	303.285 ug/L	89
52) Chlorobenzene	11.66	112	10440	0.422 ug/L	92
53) Ethylbenzene	11.73	91	364681	8.716 ug/L	97
54) m,p-Xylene	11.84	106	558760	34.104 ug/L	100
55) o-xylene	12.17	106	282442	17.994 ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) Isopropylbenzene	12.47	105	127230	2.966	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	7830	0.452	ug/L	94

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

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