

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042720\
 Data File : VW015355.D
 Acq On : 27 Apr 2020 15:52
 Operator : SY/VA
 Sample : L2321-06
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 X2M14

Quant Time: Apr 28 09:08:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 28 06:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	328802	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	306232	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	161360	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	76524	21.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.60%
7) Chloroethane-d5	2.88	69	72827	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.44%
10) 1,1-Dichloroethene-d2	4.02	63	127563	18.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.68%
20) 2-Butanone-d5	7.08	46	33123	42.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.70%
24) Chloroform-d	7.65	84	125179	21.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.36%
26) 1,2-Dichloroethane-d4	8.31	65	81333	21.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.48%
29) Benzene-d6	8.27	84	309000	22.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.44%
33) 1,2-Dichloropropane-d6	9.27	67	85293	22.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.68%
37) Toluene-d8	10.32	98	327144	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.48%
38) trans-1,3-Dichloropropene-	10.58	79	42811	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.72%
39) 2-Hexanone-d5	10.92	63	29836	41.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	69655	21.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	127872	22.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.92%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.00	85	66467	14.375	ug/L 98
5) Vinyl chloride	2.35	62	59298	12.912	ug/L 98
8) Chloroethane	2.92	64	54269	18.528	ug/L 99
12) 1,1-Dichloroethene	4.04	96	43021	11.106	ug/L # 62
13) Acetone	4.12	43	96454	138.028	ug/L 99
14) Carbon disulfide	4.38	76	250522	20.838	ug/L 99
16) Methylene chloride	4.92	84	129305	30.327	ug/L 97
18) trans-1,2-Dichloroethene	5.43	96	113542	26.221	ug/L 96
19) 1,1-Dichloroethane	6.22	63	69116	10.414	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	142202	31.333	ug/L 99
23) Bromochloromethane	7.51	128	76662	36.416	ug/L 98
25) Chloroform	7.68	83	119377	13.652	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	290726	40.756	ug/L 99
32) Carbon tetrachloride	8.07	117	98666	15.484	ug/L 98
35) Trichloroethene	9.09	95	141024	31.709	ug/L 99
40) 1,2-Dichloropropane	9.37	63	69587	19.953	ug/L 100
41) Bromodichloromethane	9.65	83	68143	12.611	ug/L 97

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42) cis-1,3-Dichloropropene	10.07	75	69846	11.197	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	77986	40.593	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	103506	18.813	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	29542	9.900	ug/L	98
47) Tetrachloroethene	10.86	164	87197	20.866	ug/L	97
49) 2-Hexanone	10.97	43	75556	53.575	ug/L	98
50) Dibromochloromethane	11.13	129	49453	12.433	ug/L	93
51) 1,2-Dibromoethane	11.24	107	56931	19.105	ug/L	94
56) Styrene	12.18	104	272045	19.552	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.71	83	91545	27.932	ug/L	97
62) Bromoform	12.35	173	47652	19.062	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	269230	25.761	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	22231	35.757	ug/L	95
70) 1,2,3-Trichlorobenzene	15.55	180	49929	9.336	ug/L	97

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

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