

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061220\
 Data File : VW015596.D
 Acq On : 12 Jun 2020 09:53
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02529

Quant Time: Jun 13 00:12:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 17:52:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	328465	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	303045	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151767	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	70775	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.04%
7) Chloroethane-d5	2.90	69	82198	27.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.84%
10) 1,1-Dichloroethene-d2	4.02	63	172716	23.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.20%
20) 2-Butanone-d5	7.09	46	61631	62.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.42%
24) Chloroform-d	7.65	84	202908	26.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.84%
26) 1,2-Dichloroethane-d4	8.31	65	116589	27.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.36%
29) Benzene-d6	8.27	84	383072	25.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.12%
33) 1,2-Dichloropropane-d6	9.27	67	117515	26.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.08%
37) Toluene-d8	10.32	98	366411	25.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.44%
38) trans-1,3-Dichloropropene-	10.58	79	49918	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.56%
39) 2-Hexanone-d5	10.93	63	49957	63.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102527	30.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.60%#
61) 1,2-Dichlorobenzene-d4	13.85	152	129457	25.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	59791	20.605	ug/L	99
3) Chloromethane	2.21	50	63029	19.731	ug/L	97
5) Vinyl chloride	2.37	62	104832	21.822	ug/L	97
6) Bromomethane	2.79	94	67142	21.504	ug/L	100
8) Chloroethane	2.93	64	65068	22.251	ug/L	100
9) Trichlorofluoromethane	3.26	101	79131	23.147	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	89023	21.956	ug/L	99
12) 1,1-Dichloroethene	4.04	96	83096	21.217	ug/L	96
13) Acetone	4.13	43	47677	62.755	ug/L	99
14) Carbon disulfide	4.39	76	248150	18.992	ug/L	100
15) Methyl Acetate	4.68	43	40654	24.734	ug/L	100
16) Methylene chloride	4.92	84	91073	22.592	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	137110	22.060	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	89166	21.243	ug/L	99
19) 1,1-Dichloroethane	6.22	63	163423	21.646	ug/L	99
21) 2-Butanone	7.18	43	61300	52.524	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	95635	21.841	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	42952	22.748	ug/L	97
25) Chloroform	7.68	83	167996	22.099	ug/L	99
27) 1,2-Dichloroethane	8.40	62	118229	22.990	ug/L	100
30) Cyclohexane	7.96	56	148386	19.809	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	145718	21.494	ug/L	99
32) Carbon tetrachloride	8.07	117	132980	21.386	ug/L	99
34) Benzene	8.32	78	367226	21.669	ug/L	100
35) Trichloroethene	9.09	95	96108	21.112	ug/L	98
36) Methylcyclohexane	9.34	83	167617	20.645	ug/L	100
40) 1,2-Dichloropropane	9.37	63	90729	21.740	ug/L	99
41) Bromodichloromethane	9.65	83	119821	21.491	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	144164	21.586	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	126183	51.579	ug/L	99
44) Toluene	10.39	91	400225	21.676	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	129304	22.248	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	67257	23.035	ug/L	98
47) Tetrachloroethene	10.87	164	79345	21.988	ug/L	97
49) 2-Hexanone	10.97	43	84654	51.266	ug/L	99
50) Dibromochloromethane	11.13	129	78684	22.181	ug/L	98
51) 1,2-Dibromoethane	11.24	107	65150	23.243	ug/L	98
52) Chlorobenzene	11.66	112	254408	21.967	ug/L	97
53) Ethylbenzene	11.73	91	459650	21.680	ug/L	99
54) m,p-Xylene	11.84	106	171581	21.567	ug/L	100
55) o-xylene	12.17	106	163825	21.694	ug/L	95
56) Styrene	12.18	104	281179	21.791	ug/L	99
57) Isopropylbenzene	12.47	105	463061	22.013	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	82834	24.505	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	61686	24.067	ug/L	100
62) Bromoform	12.35	173	44004	20.810	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	194829	20.979	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	198799	21.847	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	178959	22.175	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	13389	21.870	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	140450	21.844	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	112641	21.752	ug/L	99
69) Naphthalene	15.37	128	214543	22.817	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	97191	22.061	ug/L	97

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

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