

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070620\
 Data File : VW015785.D
 Acq On : 06 Jul 2020 14:40
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02523

Quant Time: Jul 07 00:30:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 07 00:28:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	314994	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	290207	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	147360	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	101859	19.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.64%
7) Chloroethane-d5	2.90	69	87647	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.96%
10) 1,1-Dichloroethene-d2	4.02	63	203927	22.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.80%
20) 2-Butanone-d5	7.09	46	58270	54.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.00%
24) Chloroform-d	7.65	84	204547	23.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.16%
26) 1,2-Dichloroethane-d4	8.30	65	117751	23.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.32%
29) Benzene-d6	8.28	84	382489	22.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.44%
33) 1,2-Dichloropropane-d6	9.27	67	113557	22.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.68%
37) Toluene-d8	10.32	98	355480	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.32%
38) trans-1,3-Dichloropropene-	10.58	79	52621	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.76%
39) 2-Hexanone-d5	10.93	63	44031	52.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102139	26.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	126567	22.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	78537	26.443	ug/L 99
3) Chloromethane	2.21	50	75626	23.662	ug/L 97
5) Vinyl chloride	2.37	62	130461	27.253	ug/L 99
6) Bromomethane	2.79	94	81120	25.576	ug/L 100
8) Chloroethane	2.93	64	79945	26.767	ug/L 98
9) Trichlorofluoromethane	3.26	101	96009	27.427	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	103329	27.226	ug/L 98
12) 1,1-Dichloroethene	4.04	96	96454	26.328	ug/L 89
13) Acetone	4.13	43	67256	74.372	ug/L 96
14) Carbon disulfide	4.38	76	302065	26.551	ug/L 99
15) Methyl Acetate	4.68	43	48178	29.738	ug/L 99
16) Methylene chloride	4.92	84	107115	23.176	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	153665	27.374	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	105648	26.863	ug/L 100
19) 1,1-Dichloroethane	6.22	63	193123	27.235	ug/L 99
21) 2-Butanone	7.18	43	71841	64.262	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	109651	26.971	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	48753	27.225	ug/L	95
25) Chloroform	7.68	83	199824	27.899	ug/L	100
27) 1,2-Dichloroethane	8.40	62	139819	28.232	ug/L	100
30) Cyclohexane	7.96	56	177457	27.113	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	172195	27.414	ug/L	100
32) Carbon tetrachloride	8.07	117	157562	27.755	ug/L	98
34) Benzene	8.32	78	431525	27.075	ug/L	100
35) Trichloroethene	9.09	95	114443	26.927	ug/L	98
36) Methylcyclohexane	9.34	83	201031	27.424	ug/L	100
40) 1,2-Dichloropropane	9.37	63	106783	27.528	ug/L	99
41) Bromodichloromethane	9.65	83	142150	28.204	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	166353	27.472	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	138181	61.055	ug/L	100
44) Toluene	10.39	91	470866	27.194	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	150527	28.560	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	79889	28.528	ug/L	99
47) Tetrachloroethene	10.87	164	91072	26.667	ug/L	95
49) 2-Hexanone	10.97	43	96763	60.694	ug/L	99
50) Dibromochloromethane	11.13	129	92723	28.286	ug/L	96
51) 1,2-Dibromoethane	11.24	107	76664	28.242	ug/L	94
52) Chlorobenzene	11.66	112	295218	27.125	ug/L	100
53) Ethylbenzene	11.73	91	546514	27.915	ug/L	99
54) m,p-Xylene	11.84	106	202360	27.654	ug/L	95
55) o-xylene	12.17	106	193766	27.706	ug/L	96
56) Styrene	12.18	104	336555	28.350	ug/L	97
57) Isopropylbenzene	12.47	105	549710	28.457	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	99289	29.796	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	74684	29.675	ug/L	100
62) Bromoform	12.35	173	52422	27.731	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	235390	26.929	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	236768	27.190	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	212830	27.537	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	16762	30.280	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	168588	28.123	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	139064	28.750	ug/L	100
69) Naphthalene	15.37	128	261759	29.578	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	121789	29.123	ug/L	98

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

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