

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052820\
 Data File : VW015518.D
 Acq On : 28 May 2020 15:16
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0mL/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

Quant Time: May 29 03:25:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 03:23:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	346115	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	313575	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156173	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	92132	29.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.20%
7) Chloroethane-d5	2.90	69	91319	28.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.80%
10) 1,1-Dichloroethene-d2	4.02	63	199295	25.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.16%
20) 2-Butanone-d5	7.08	46	59276	57.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.48%
24) Chloroform-d	7.65	84	212856	26.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.36%
26) 1,2-Dichloroethane-d4	8.30	65	120590	27.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.32%
29) Benzene-d6	8.27	84	408912	26.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.36%
33) 1,2-Dichloropropane-d6	9.27	67	125047	26.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.04%
37) Toluene-d8	10.32	98	393374	26.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.24%
38) trans-1,3-Dichloropropene-	10.58	79	54921	25.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.60%
39) 2-Hexanone-d5	10.93	63	48576	60.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102268	29.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	136832	26.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	71606	23.418	ug/L	96
3) Chloromethane	2.21	50	74423	22.110	ug/L	98
5) Vinyl chloride	2.37	62	118699	23.449	ug/L	98
6) Bromomethane	2.79	94	76814	23.347	ug/L	99
8) Chloroethane	2.93	64	74151	24.064	ug/L	99
9) Trichlorofluoromethane	3.26	101	83697	23.234	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	101480	23.752	ug/L	99
12) 1,1-Dichloroethene	4.04	96	96675	23.425	ug/L	99
13) Acetone	4.12	43	47314	59.102	ug/L	99
14) Carbon disulfide	4.38	76	303258	22.026	ug/L	100
15) Methyl Acetate	4.68	43	45420	26.224	ug/L	100
16) Methylene chloride	4.92	84	104814	24.674	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	159120	24.296	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	106346	24.044	ug/L	97
19) 1,1-Dichloroethane	6.22	63	190490	23.945	ug/L	100
21) 2-Butanone	7.18	43	63599	51.715	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	110492	23.948	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	49465	24.862	ug/L	97
25) Chloroform	7.68	83	194263	24.252	ug/L	98
27) 1,2-Dichloroethane	8.40	62	136625	25.212	ug/L	99
30) Cyclohexane	7.96	56	181684	23.439	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	167378	23.860	ug/L	99
32) Carbon tetrachloride	8.07	117	154337	23.987	ug/L	98
34) Benzene	8.32	78	428830	24.454	ug/L	100
35) Trichloroethene	9.09	95	113023	23.994	ug/L	99
36) Methylcyclohexane	9.34	83	199473	23.744	ug/L	99
40) 1,2-Dichloropropane	9.37	63	106009	24.548	ug/L	100
41) Bromodichloromethane	9.65	83	140502	24.354	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	170254	24.637	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	132016	52.151	ug/L	99
44) Toluene	10.39	91	470531	24.628	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	149748	24.900	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	78020	25.824	ug/L	98
47) Tetrachloroethene	10.87	164	90162	24.147	ug/L	95
49) 2-Hexanone	10.97	43	89808	52.561	ug/L	97
50) Dibromochloromethane	11.13	129	91360	24.890	ug/L	94
51) 1,2-Dibromoethane	11.24	107	75342	25.976	ug/L	100
52) Chlorobenzene	11.66	112	292728	24.427	ug/L	99
53) Ethylbenzene	11.73	91	535695	24.419	ug/L	99
54) m,p-Xylene	11.84	106	203449	24.714	ug/L	96
55) o-xylene	12.17	106	191746	24.539	ug/L	99
56) Styrene	12.18	104	332208	24.882	ug/L	100
57) Isopropylbenzene	12.46	105	537278	24.684	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	93466	26.722	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	70920	26.741	ug/L	99
62) Bromoform	12.35	173	51375	23.610	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	234523	24.541	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	228043	24.354	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	207158	24.945	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	15385	24.421	ug/L	87
67) 1,3,5-Trichlorobenzene	14.63	180	166072	25.101	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	133265	25.008	ug/L	99
69) Naphthalene	15.36	128	248777	25.711	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	113644	25.068	ug/L	98

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

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