

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052620\
 Data File : VW015470.D
 Acq On : 26 May 2020 13:27
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10.0mL/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02514

Quant Time: May 27 01:00:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 27 00:58:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	390956	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	354959	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	171039	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	82196	22.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.76%
7) Chloroethane-d5	2.90	69	83793	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.08%
10) 1,1-Dichloroethene-d2	4.02	63	202526	23.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.80%
20) 2-Butanone-d5	7.08	46	54429	46.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.06%
24) Chloroform-d	7.65	84	213480	23.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.44%
26) 1,2-Dichloroethane-d4	8.30	65	117623	23.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.56%
29) Benzene-d6	8.27	84	408632	23.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.88%
33) 1,2-Dichloropropane-d6	9.27	67	125650	23.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.00%
37) Toluene-d8	10.32	98	396803	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.80%
38) trans-1,3-Dichloropropene-	10.58	79	57995	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.80%
39) 2-Hexanone-d5	10.93	63	43331	47.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96241	24.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	137096	23.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	84325	24.415	ug/L	97
3) Chloromethane	2.21	50	87475	23.007	ug/L	99
5) Vinyl chloride	2.37	62	134614	23.543	ug/L	99
6) Bromomethane	2.79	94	86983	23.405	ug/L	99
8) Chloroethane	2.93	64	82653	23.747	ug/L	100
9) Trichlorofluoromethane	3.26	101	99089	24.352	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	115136	23.857	ug/L	99
12) 1,1-Dichloroethene	4.04	96	111664	23.953	ug/L	94
13) Acetone	4.12	43	45835	50.687	ug/L	98
14) Carbon disulfide	4.38	76	370749	23.839	ug/L	100
15) Methyl Acetate	4.67	43	46604	23.822	ug/L	99
16) Methylene chloride	4.92	84	115109	23.990	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	176904	23.913	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	120687	24.157	ug/L	99
19) 1,1-Dichloroethane	6.22	63	218071	24.268	ug/L	100
21) 2-Butanone	7.18	43	62248	44.811	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	126539	24.280	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	54639	24.312	ug/L	98
25) Chloroform	7.68	83	217714	24.062	ug/L	100
27) 1,2-Dichloroethane	8.40	62	146843	23.990	ug/L	99
30) Cyclohexane	7.96	56	210840	24.029	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	192004	24.179	ug/L	99
32) Carbon tetrachloride	8.07	117	176024	24.168	ug/L	100
34) Benzene	8.32	78	485207	24.443	ug/L	100
35) Trichloroethene	9.09	95	128889	24.172	ug/L	99
36) Methylcyclohexane	9.34	83	229515	24.135	ug/L	99
40) 1,2-Dichloropropane	9.37	63	118678	24.278	ug/L	99
41) Bromodichloromethane	9.65	83	158344	24.247	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	191394	24.467	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	133595	46.622	ug/L	99
44) Toluene	10.39	91	531625	24.582	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	168072	24.689	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	82857	24.228	ug/L	98
47) Tetrachloroethene	10.87	164	103465	24.479	ug/L	96
49) 2-Hexanone	10.97	43	93402	48.291	ug/L	99
50) Dibromochloromethane	11.13	129	102451	24.657	ug/L	99
51) 1,2-Dibromoethane	11.24	107	79155	24.109	ug/L	95
52) Chlorobenzene	11.66	112	331950	24.471	ug/L	98
53) Ethylbenzene	11.73	91	606463	24.422	ug/L	99
54) m,p-Xylene	11.84	106	227974	24.465	ug/L	96
55) o-xylene	12.16	106	219163	24.778	ug/L	98
56) Styrene	12.18	104	375157	24.822	ug/L	99
57) Isopropylbenzene	12.46	105	610409	24.774	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	94868	23.961	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	71226	23.725	ug/L	100
62) Bromoform	12.35	173	55843	23.433	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	254969	24.361	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	251455	24.520	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	226811	24.938	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	16198	23.477	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	181305	25.021	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	148246	25.402	ug/L	99
69) Naphthalene	15.36	128	265402	25.045	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	124338	25.043	ug/L	99

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

