

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080320\
 Data File : VW016035.D
 Acq On : 03 Aug 2020 15:04
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

Quant Time: Aug 04 03:37:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 04 03:35:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	418876	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	375689	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	180124	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	174263	29.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.92%
7) Chloroethane-d5	2.90	69	132522	27.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.44%
10) 1,1-Dichloroethene-d2	4.02	63	338153	28.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	113.20%#
20) 2-Butanone-d5	7.08	46	77043	49.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.24%
24) Chloroform-d	7.65	84	314288	26.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.88%
26) 1,2-Dichloroethane-d4	8.31	65	154874	23.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.92%
29) Benzene-d6	8.28	84	656548	28.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.84%
33) 1,2-Dichloropropane-d6	9.28	67	191206	27.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.56%
37) Toluene-d8	10.33	98	593548	28.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.60%
38) trans-1,3-Dichloropropene-	10.58	79	79765	27.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.20%
39) 2-Hexanone-d5	10.93	63	60457	52.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	137329	26.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	187747	26.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.92%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	97117	27.400	ug/L 100
3) Chloromethane	2.21	50	116126	27.089	ug/L 99
5) Vinyl chloride	2.37	62	173272	26.207	ug/L 99
6) Bromomethane	2.79	94	102307	25.937	ug/L 99
8) Chloroethane	2.93	64	107064	27.642	ug/L 98
9) Trichlorofluoromethane	3.26	101	140690	31.657	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	161300	29.691	ug/L 98
12) 1,1-Dichloroethene	4.04	96	158984	29.526	ug/L 95
13) Acetone	4.13	43	72865	55.884	ug/L 96
14) Carbon disulfide	4.38	76	446437	26.253	ug/L 100
15) Methyl Acetate	4.68	43	67389	27.411	ug/L 98
16) Methylene chloride	4.92	84	182139	26.536	ug/L 95
17) Methyl tert-butyl Ether	5.43	73	230879	30.322	ug/L 96
18) trans-1,2-Dichloroethene	5.43	96	163812	28.809	ug/L 96
19) 1,1-Dichloroethane	6.22	63	307613	29.357	ug/L 99
21) 2-Butanone	7.18	43	92373	57.292	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	177534	29.843	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	77207	29.597	ug/L	93
25) Chloroform	7.68	83	300653	28.951	ug/L	99
27) 1,2-Dichloroethane	8.40	62	182950	25.891	ug/L	96
30) Cyclohexane	7.96	56	274682	28.996	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	253789	28.931	ug/L	97
32) Carbon tetrachloride	8.07	117	220908	27.770	ug/L	100
34) Benzene	8.33	78	681984	29.888	ug/L	100
35) Trichloroethene	9.10	95	172315	28.548	ug/L	96
36) Methylcyclohexane	9.34	83	301897	29.149	ug/L	99
40) 1,2-Dichloropropane	9.37	63	172866	30.581	ug/L	100
41) Bromodichloromethane	9.65	83	210270	28.804	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	257714	29.935	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	194654	58.997	ug/L	97
44) Toluene	10.39	91	725235	30.304	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	218723	29.311	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	120700	29.694	ug/L	98
47) Tetrachloroethene	10.87	164	139856	29.850	ug/L	93
49) 2-Hexanone	10.97	43	134584	57.481	ug/L	97
50) Dibromochloromethane	11.13	129	137934	29.310	ug/L	94
51) 1,2-Dibromoethane	11.24	107	110175	28.333	ug/L	97
52) Chlorobenzene	11.66	112	451278	29.428	ug/L	98
53) Ethylbenzene	11.73	91	815465	30.302	ug/L	97
54) m,p-Xylene	11.84	106	309049	30.696	ug/L	97
55) o-xylene	12.17	106	288867	30.470	ug/L	95
56) Styrene	12.18	104	500622	31.051	ug/L	99
57) Isopropylbenzene	12.47	105	790358	30.625	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	141566	29.659	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	102575	28.682	ug/L	100
62) Bromoform	12.35	173	76045	28.699	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	336812	29.216	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	336839	28.790	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	304164	29.047	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	20821	26.417	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	240611	29.683	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	190957	29.659	ug/L	99
69) Naphthalene	15.37	128	343425	28.313	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	167346	29.171	ug/L	98

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

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