

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016799.D
 Acq On : 06 Oct 2020 16:56
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02519

Quant Time: Oct 07 02:59:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 06 16:10:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	566563	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	505137	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	254674	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	136486	24.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.68%
7) Chloroethane-d5	2.89	69	112803	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.24%
10) 1,1-Dichloroethene-d2	4.03	63	291843	24.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.36%
20) 2-Butanone-d5	7.09	46	56819	44.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.76%
24) Chloroform-d	7.65	84	290757	24.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	8.31	65	140821	24.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.56%
29) Benzene-d6	8.27	84	570759	24.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.52%
33) 1,2-Dichloropropane-d6	9.27	67	153529	24.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.60%
37) Toluene-d8	10.32	98	541891	25.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.12%
38) trans-1,3-Dichloropropene-	10.58	79	67823	24.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.76%
39) 2-Hexanone-d5	10.93	63	48902	51.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121987	24.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	201745	24.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.92%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	161658	23.872	ug/L 96
3) Chloromethane	2.21	50	149680	25.075	ug/L 95
5) Vinyl chloride	2.37	62	198930	25.670	ug/L 100
6) Bromomethane	2.78	94	143131	25.123	ug/L 98
8) Chloroethane	2.93	64	120508	25.195	ug/L 99
9) Trichlorofluoromethane	3.26	101	140423	23.452	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	191324	25.082	ug/L 98
12) 1,1-Dichloroethene	4.04	96	183498	25.050	ug/L 97
13) Acetone	4.14	43	44659	46.616	ug/L 95
14) Carbon disulfide	4.39	76	533452	25.397	ug/L 99
15) Methyl Acetate	4.68	43	56325	24.607	ug/L 100
16) Methylene chloride	4.92	84	179482	22.955	ug/L 100
17) Methyl tert-butyl Ether	5.43	73	212290	25.898	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	193015	25.222	ug/L 96
19) 1,1-Dichloroethane	6.21	63	299046	25.376	ug/L 99
21) 2-Butanone	7.18	43	71384	44.386	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	197992	25.356	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	91751	25.022	ug/L	98
25) Chloroform	7.68	83	325058	25.542	ug/L	98
27) 1,2-Dichloroethane	8.40	62	192036	25.225	ug/L	100
30) Cyclohexane	7.96	56	271218	25.891	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	279285	25.999	ug/L	99
32) Carbon tetrachloride	8.07	117	274657	26.201	ug/L	99
34) Benzene	8.32	78	708578	26.121	ug/L	100
35) Trichloroethene	9.09	95	197433	25.731	ug/L	100
36) Methylcyclohexane	9.34	83	332616	25.781	ug/L	99
40) 1,2-Dichloropropane	9.37	63	160383	26.147	ug/L	99
41) Bromodichloromethane	9.65	83	223169	25.898	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	257239	26.303	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	157442	50.984	ug/L	99
44) Toluene	10.39	91	774774	25.746	ug/L	96
45) trans-1,3-Dichloropropene	10.60	75	223761	27.190	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	132247	26.522	ug/L	98
47) Tetrachloroethene	10.87	164	179684	25.259	ug/L	94
49) 2-Hexanone	10.97	43	106562	52.280	ug/L	98
50) Dibromochloromethane	11.13	129	165188	26.648	ug/L	98
51) 1,2-Dibromoethane	11.24	107	128707	26.266	ug/L	91
52) Chlorobenzene	11.66	112	515920	25.546	ug/L	99
53) Ethylbenzene	11.73	91	887124	26.279	ug/L	97
54) m,p-Xylene	11.84	106	343646	26.174	ug/L	94
55) o-xylene	12.16	106	327864	26.137	ug/L	97
56) Styrene	12.18	104	554384	26.782	ug/L	99
57) Isopropylbenzene	12.46	105	892936	25.995	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	142781	25.910	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	100459	25.165	ug/L	98
62) Bromoform	12.35	173	95708	26.715	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	415860	25.658	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	406004	25.047	ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	370704	25.545	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	22116	25.124	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	312610	25.948	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	255195	25.789	ug/L	98
69) Naphthalene	15.37	128	441025	26.914	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	223727	26.311	ug/L	99

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

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