

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102820\
 Data File : VW017004.D
 Acq On : 28 Oct 2020 09:52
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Quant Time: Oct 29 08:03:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 15:00:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	495483	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	451409	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	234158	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123396	21.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.32%
7) Chloroethane-d5	2.89	69	103266	23.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.24%
10) 1,1-Dichloroethene-d2	4.03	63	267498	24.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.20%
20) 2-Butanone-d5	7.08	46	68670	63.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.50%
24) Chloroform-d	7.65	84	288818	25.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.08%
26) 1,2-Dichloroethane-d4	8.31	65	140526	26.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.52%
29) Benzene-d6	8.27	84	567020	24.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.80%
33) 1,2-Dichloropropane-d6	9.27	67	158654	25.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.40%
37) Toluene-d8	10.32	98	538332	24.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.64%
38) trans-1,3-Dichloropropene-	10.58	79	72617	27.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.36%
39) 2-Hexanone-d5	10.93	63	57582	65.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138327	29.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	208742	25.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.44%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	145720	25.784	ug/L 96
3) Chloromethane	2.21	50	116064	23.793	ug/L 99
5) Vinyl chloride	2.37	62	187620	26.260	ug/L 98
6) Bromomethane	2.78	94	123057	25.360	ug/L 100
8) Chloroethane	2.93	64	107573	26.162	ug/L 97
9) Trichlorofluoromethane	3.26	101	140586	24.808	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	181728	26.607	ug/L 99
12) 1,1-Dichloroethene	4.04	96	171729	26.476	ug/L 95
13) Acetone	4.12	43	45644	62.970	ug/L 100
14) Carbon disulfide	4.39	76	510532	25.964	ug/L 99
15) Methyl Acetate	4.67	43	60266	31.845	ug/L 99
16) Methylene chloride	4.92	84	168359	25.699	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	191719	27.116	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	180048	26.542	ug/L 99
19) 1,1-Dichloroethane	6.21	63	281241	27.072	ug/L 99
21) 2-Butanone	7.17	43	76777	63.292	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	183913	26.817	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	88426	27.931	ug/L	95
25) Chloroform	7.68	83	302911	27.390	ug/L	99
27) 1,2-Dichloroethane	8.40	62	178876	28.403	ug/L	99
30) Cyclohexane	7.96	56	252337	26.723	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	263432	26.955	ug/L	100
32) Carbon tetrachloride	8.07	117	253876	27.064	ug/L	98
34) Benzene	8.32	78	663236	26.596	ug/L	100
35) Trichloroethene	9.09	95	184021	26.645	ug/L	98
36) Methylcyclohexane	9.34	83	310639	26.782	ug/L	99
40) 1,2-Dichloropropane	9.37	63	155205	27.869	ug/L	99
41) Bromodichloromethane	9.65	83	213134	28.196	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	247236	28.390	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	169561	64.230	ug/L	99
44) Toluene	10.39	91	737433	27.294	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	213685	29.620	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	128234	28.767	ug/L	96
47) Tetrachloroethene	10.86	164	167726	26.401	ug/L	87
49) 2-Hexanone	10.97	43	113833	67.660	ug/L	98
50) Dibromochloromethane	11.13	129	157700	29.040	ug/L	100
51) 1,2-Dibromoethane	11.24	107	127356	29.967	ug/L	99
52) Chlorobenzene	11.66	112	485645	26.888	ug/L	97
53) Ethylbenzene	11.73	91	824981	27.189	ug/L	100
54) m,p-Xylene	11.84	106	328923	27.554	ug/L	97
55) o-xylene	12.16	106	303625	27.458	ug/L	96
56) Styrene	12.18	104	515744	27.879	ug/L	98
57) Isopropylbenzene	12.46	105	836735	27.356	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	148642	31.066	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	104621	30.555	ug/L	99
62) Bromoform	12.35	173	89917	27.327	ug/L	95
63) 1,3-Dichlorobenzene	13.50	146	389219	25.761	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	387875	25.753	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	355013	26.636	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	22608	31.182	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	294826	26.661	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	235104	27.428	ug/L	98
69) Naphthalene	15.36	128	431871	31.062	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	215750	28.884	ug/L	98

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

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