

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101220\
 Data File : VW016879.D
 Acq On : 12 Oct 2020 13:35
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Quant Time: Oct 13 07:00:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 06:53:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	552620	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	509643	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	248336	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	124159	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.08%
7) Chloroethane-d5	2.89	69	104437	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.36%
10) 1,1-Dichloroethene-d2	4.03	63	268420	23.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.76%
20) 2-Butanone-d5	7.07	46	67344	54.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.08%
24) Chloroform-d	7.65	84	287152	24.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.52%
26) 1,2-Dichloroethane-d4	8.31	65	137571	24.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.72%
29) Benzene-d6	8.27	84	545699	23.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.32%
33) 1,2-Dichloropropane-d6	9.27	67	150801	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.96%
37) Toluene-d8	10.32	98	520694	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.36%
38) trans-1,3-Dichloropropene-	10.58	79	69454	25.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.28%
39) 2-Hexanone-d5	10.93	63	55342	57.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131806	26.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	196965	25.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.04%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	153114	23.181	ug/L 95
3) Chloromethane	2.21	50	119324	20.494	ug/L 100
5) Vinyl chloride	2.37	62	192626	25.484	ug/L 99
6) Bromomethane	2.78	94	131297	23.627	ug/L 98
8) Chloroethane	2.93	64	115372	24.730	ug/L 100
9) Trichlorofluoromethane	3.26	101	116622	19.969	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	186792	25.106	ug/L 98
12) 1,1-Dichloroethene	4.04	96	177809	24.886	ug/L 98
13) Acetone	4.12	43	49205	52.657	ug/L 94
14) Carbon disulfide	4.39	76	495324	24.177	ug/L 99
15) Methyl Acetate	4.67	43	59957	26.854	ug/L 99
16) Methylene chloride	4.92	84	176582	23.153	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	203110	25.403	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	184771	24.754	ug/L 98
19) 1,1-Dichloroethane	6.21	63	289264	25.165	ug/L 100
21) 2-Butanone	7.17	43	78287	49.906	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	193271	25.376	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	90598	25.331	ug/L	96
25) Chloroform	7.68	83	313683	25.270	ug/L	99
27) 1,2-Dichloroethane	8.40	62	186481	25.113	ug/L	100
30) Cyclohexane	7.96	56	263055	24.889	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	270941	24.999	ug/L	99
32) Carbon tetrachloride	8.07	117	264602	25.018	ug/L	100
34) Benzene	8.32	78	678749	24.800	ug/L	100
35) Trichloroethene	9.09	95	190032	24.547	ug/L	99
36) Methylcyclohexane	9.34	83	322020	24.739	ug/L	100
40) 1,2-Dichloropropane	9.37	63	156588	25.302	ug/L	100
41) Bromodichloromethane	9.65	83	217629	25.032	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	254163	25.759	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	170075	54.588	ug/L	100
44) Toluene	10.39	91	761288	25.074	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	218952	26.370	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	128372	25.517	ug/L	98
47) Tetrachloroethene	10.87	164	177114	24.677	ug/L	99
49) 2-Hexanone	10.97	43	115542	56.184	ug/L	99
50) Dibromochloromethane	11.13	129	162092	25.917	ug/L	98
51) 1,2-Dibromoethane	11.24	107	127663	25.823	ug/L	94
52) Chlorobenzene	11.66	112	509420	25.001	ug/L	97
53) Ethylbenzene	11.73	91	867547	25.472	ug/L	98
54) m,p-Xylene	11.84	106	336932	25.436	ug/L	99
55) o-xylene	12.16	106	321001	25.363	ug/L	96
56) Styrene	12.18	104	538458	25.782	ug/L	100
57) Isopropylbenzene	12.46	105	887349	25.604	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	145736	26.212	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	103856	25.785	ug/L	100
62) Bromoform	12.35	173	94007	26.910	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	408018	25.816	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	397656	25.158	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	369389	26.104	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	23352	27.205	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	304098	25.885	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	250976	26.010	ug/L	96
69) Naphthalene	15.37	128	448883	28.093	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	222206	26.799	ug/L	98

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

