

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012820\
 Data File : VW014782.D
 Acq On : 28 Jan 2020 11:23
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC025

Quant Time: Jan 28 16:00:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 07:18:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	892186	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	791700	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	392769	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	369123	26.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.48%
7) Chloroethane-d5	2.89	69	311782	25.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.88%
10) 1,1-Dichloroethene-d2	4.02	63	579789	22.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.68%
20) 2-Butanone-d5	7.07	46	282414	70.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.76%#
24) Chloroform-d	7.65	84	640107	25.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.96%
26) 1,2-Dichloroethane-d4	8.30	65	349929	26.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.52%
29) Benzene-d6	8.27	84	1332501	26.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.96%
33) 1,2-Dichloropropane-d6	9.27	67	381932	24.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.64%
37) Toluene-d8	10.32	98	1101517	24.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.28%
38) trans-1,3-Dichloropropene-	10.57	79	153296	24.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.36%
39) 2-Hexanone-d5	10.92	63	166410	57.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	389023	32.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.00%#
61) 1,2-Dichlorobenzene-d4	13.85	152	382547	24.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	301534	27.484	ug/L	99
3) Chloromethane	2.21	50	334888	26.165	ug/L	97
5) Vinyl chloride	2.36	62	454856	25.260	ug/L	97
6) Bromomethane	2.78	94	222798	23.669	ug/L	99
8) Chloroethane	2.92	64	231446	23.725	ug/L	99
9) Trichlorofluoromethane	3.26	101	222959	25.785	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	274712	22.243	ug/L	98
12) 1,1-Dichloroethene	4.04	96	266860	21.911	ug/L	94
13) Acetone	4.11	43	207926	48.383	ug/L	97
14) Carbon disulfide	4.38	76	861237	21.601	ug/L	100
15) Methyl Acetate	4.67	43	161432	25.171	ug/L	100
16) Methylene chloride	4.91	84	322215	21.371	ug/L	95
17) Methyl tert-butyl Ether	5.42	73	447674	27.807	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	323673	25.722	ug/L	98
19) 1,1-Dichloroethane	6.21	63	681277	28.870	ug/L	98
21) 2-Butanone	7.16	43	303302	63.033	ug/L	100
22) cis-1,2-Dichloroethene	7.16	96	339766	25.789	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	137933	23.959	ug/L	91
25) Chloroform	7.67	83	537558	24.414	ug/L	99
27) 1,2-Dichloroethane	8.40	62	366647	25.203	ug/L	97
30) Cyclohexane	7.95	56	644766	29.824	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	445113	25.748	ug/L	100
32) Carbon tetrachloride	8.06	117	427660	26.397	ug/L	99
34) Benzene	8.32	78	1263984	24.928	ug/L	100
35) Trichloroethene	9.09	95	308256	23.931	ug/L	99
36) Methylcyclohexane	9.33	83	545711	24.352	ug/L	98
40) 1,2-Dichloropropane	9.37	63	286742	22.308	ug/L	100
41) Bromodichloromethane	9.64	83	350991	22.848	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	439139	23.391	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	409110	48.404	ug/L	98
44) Toluene	10.38	91	1198727	23.267	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	357405	23.451	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	207372	23.633	ug/L	98
47) Tetrachloroethene	10.86	164	245450	23.849	ug/L	96
49) 2-Hexanone	10.96	43	312718	51.462	ug/L	96
50) Dibromochloromethane	11.12	129	234932	23.466	ug/L	99
51) 1,2-Dibromoethane	11.23	107	204514	24.230	ug/L	99
52) Chlorobenzene	11.65	112	765341	23.790	ug/L	99
53) Ethylbenzene	11.73	91	1402878	24.917	ug/L	99
54) m,p-Xylene	11.84	106	540429	25.678	ug/L	93
55) o-xylene	12.16	106	517618	26.211	ug/L	99
56) Styrene	12.18	104	896459	26.766	ug/L	99
57) Isopropylbenzene	12.46	105	1538425	28.764	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	330561	29.239	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	254306	29.946	ug/L	100
62) Bromoform	12.35	173	162609	26.374	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	599546	23.643	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	606755	23.875	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	543002	23.543	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	43436	22.961	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	439262	23.388	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	341761	24.519	ug/L	99
69) Naphthalene	15.36	128	727458	28.857	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	319381	24.992	ug/L	99

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

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