

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050420\
 Data File : VW015389.D
 Acq On : 04 May 2020 16:25
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV01

Quant Time: May 05 06:28:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 04 16:20:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	355255	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	323335	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156779	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	114488	25.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.04%
7) Chloroethane-d5	2.89	69	108897	25.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.64%
10) 1,1-Dichloroethene-d2	4.01	63	231581	25.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.48%
20) 2-Butanone-d5	7.07	46	61102	51.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.94%
24) Chloroform-d	7.65	84	233041	25.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.88%
26) 1,2-Dichloroethane-d4	8.30	65	128491	25.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.32%
29) Benzene-d6	8.27	84	460456	26.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.12%
33) 1,2-Dichloropropane-d6	9.27	67	139637	26.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.16%
37) Toluene-d8	10.32	98	433951	25.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.04%
38) trans-1,3-Dichloropropene-	10.58	79	63481	26.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.04%
39) 2-Hexanone-d5	10.92	63	50638	51.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104788	25.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	142409	25.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.64%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	87480	28.059	ug/L 98
3) Chloromethane	2.21	50	84080	25.203	ug/L 99
5) Vinyl chloride	2.37	62	136146	26.265	ug/L 99
6) Bromomethane	2.78	94	87605	24.565	ug/L 99
8) Chloroethane	2.93	64	89176	25.739	ug/L 100
9) Trichlorofluoromethane	3.26	101	93232	24.672	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	112185	26.645	ug/L 99
12) 1,1-Dichloroethene	4.03	96	110091	25.836	ug/L 96
13) Acetone	4.12	43	44504	49.503	ug/L 99
14) Carbon disulfide	4.38	76	336868	25.452	ug/L 98
15) Methyl Acetate	4.67	43	51178	26.027	ug/L 99
16) Methylene chloride	4.91	84	121021	23.786	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	187979	27.135	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	120797	26.306	ug/L 97
19) 1,1-Dichloroethane	6.21	63	228171	26.382	ug/L 98
21) 2-Butanone	7.17	43	67450	49.903	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	132161	26.704	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	55178	26.749	ug/L	93
25) Chloroform	7.67	83	226568	26.497	ug/L	99
27) 1,2-Dichloroethane	8.40	62	156557	26.908	ug/L	99
30) Cyclohexane	7.95	56	217931	25.767	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	189343	26.093	ug/L	99
32) Carbon tetrachloride	8.07	117	174708	26.457	ug/L	100
34) Benzene	8.32	78	504345	26.662	ug/L	100
35) Trichloroethene	9.09	95	132880	26.213	ug/L	99
36) Methylcyclohexane	9.34	83	235794	26.197	ug/L	98
40) 1,2-Dichloropropane	9.37	63	128241	27.127	ug/L	99
41) Bromodichloromethane	9.64	83	169645	27.186	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	207726	27.211	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	160420	50.648	ug/L	100
44) Toluene	10.38	91	556434	26.914	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	181582	27.294	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	88611	26.736	ug/L	98
47) Tetrachloroethene	10.86	164	99238	26.096	ug/L	95
49) 2-Hexanone	10.97	43	108308	54.271	ug/L	99
50) Dibromochloromethane	11.13	129	107924	26.917	ug/L	97
51) 1,2-Dibromoethane	11.23	107	86431	27.327	ug/L	100
52) Chlorobenzene	11.66	112	348776	26.740	ug/L	98
53) Ethylbenzene	11.73	91	634778	26.326	ug/L	98
54) m,p-Xylene	11.83	106	239700	26.610	ug/L	99
55) o-xylene	12.16	106	233179	26.907	ug/L	98
56) Styrene	12.18	104	402840	27.226	ug/L	99
57) Isopropylbenzene	12.46	105	645044	26.946	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	107278	27.210	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	80067	26.739	ug/L	100
62) Bromoform	12.35	173	62047	26.796	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	263497	26.431	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	258966	26.093	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	234990	26.796	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	18763	26.544	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	183951	26.836	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	160175	28.300	ug/L	94
69) Naphthalene	15.36	128	295971	27.865	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	133611	27.400	ug/L	99

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

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