

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122820\
 Data File : VV019848.D
 Acq On : 28 Dec 2020 14:03
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

Quant Time: Dec 29 03:04:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 29 03:03:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	614566	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	590786	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	298454	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	246904	51.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.84%
7) Chloroethane-d5	1.57	69	196866	52.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.16%
11) 1,1-Dichloroethene-d2	2.11	63	461793	51.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.74%
21) 2-Butanone-d5	3.89	46	362895	102.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.95%
24) Chloroform-d	4.35	84	457856	50.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.92%
26) 1,2-Dichloroethane-d4	5.04	65	307454	52.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.70%
32) Benzene-d6	5.05	84	869055	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.16%
36) 1,2-Dichloropropane-d6	6.07	67	283084	50.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.20%
41) Toluene-d8	7.32	98	781167	51.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.18%
43) trans-1,3-Dichloropropene-	7.62	79	141471	50.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.76%
47) 2-Hexanone-d5	8.09	63	245105	106.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.02%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	371696	51.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.18%
64) 1,2-Dichlorobenzene-d4	11.63	152	286050	50.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.22%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	247906	51.965	ug/L 100
3) Chloromethane	1.24	50	298484	51.087	ug/L 99
5) Vinyl chloride	1.31	62	296266	51.899	ug/L 100
6) Bromomethane	1.52	94	180806	52.283	ug/L 98
8) Chloroethane	1.59	64	181824	51.235	ug/L 100
9) Trichlorofluoromethane	1.75	101	357589	51.709	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	202299	51.941	ug/L 100
12) 1,1-Dichloroethene	2.12	96	203467	52.063	ug/L 91
13) Acetone	2.19	43	261354	95.776	ug/L 99
14) Carbon disulfide	2.30	76	654621	51.417	ug/L 100
15) Methyl Acetate	2.44	43	282876	51.019	ug/L 100
16) Methylene chloride	2.51	84	248429	50.614	ug/L 100
17) trans-1,2-Dichloroethene	2.76	96	227453	52.018	ug/L 99
18) Methyl tert-butyl Ether	2.77	73	767523	51.988	ug/L 100
19) 1,1-Dichloroethane	3.19	63	450872	51.098	ug/L 99
20) cis-1,2-Dichloroethene	3.91	96	246689	51.566	ug/L 97
22) 2-Butanone	3.98	43	396930	103.606	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	120044	50.785	ug/L	96
25) Chloroform	4.38	83	448401	51.514	ug/L	97
27) 1,2-Dichloroethane	5.13	62	373130	51.994	ug/L	100
29) Cyclohexane	4.68	56	382141	50.521	ug/L	99
30) 1,1,1-Trichloroethane	4.61	97	381437	50.429	ug/L	100
31) Carbon tetrachloride	4.83	117	315671	50.715	ug/L	99
33) Benzene	5.10	78	963524	51.853	ug/L	100
34) Trichloroethene	5.92	95	249609	50.635	ug/L	99
35) Methylcyclohexane	6.14	83	377762	51.098	ug/L	100
37) 1,2-Dichloropropane	6.18	63	257490	51.601	ug/L	99
38) Bromodichloromethane	6.51	83	336103	51.519	ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	391742	50.966	ug/L	99
40) 4-Methyl-2-pentanone	7.23	43	767612	102.733	ug/L	100
42) Toluene	7.39	91	987532	51.882	ug/L	99
44) trans-1,3-Dichloropropene	7.65	75	389129	51.906	ug/L	100
45) 1,1,2-Trichloroethane	7.84	97	236426	51.652	ug/L	99
46) Tetrachloroethene	7.98	164	165186	50.177	ug/L	99
48) 2-Hexanone	8.14	43	596877	103.323	ug/L	99
49) Dibromochloromethane	8.25	129	243359	51.417	ug/L	97
50) 1,2-Dibromoethane	8.35	107	247060	51.428	ug/L	98
51) Chlorobenzene	8.88	112	621573	51.210	ug/L	98
52) Ethylbenzene	9.02	91	1099087	51.314	ug/L	99
53) m,p-Xylene	9.14	106	396956	50.882	ug/L	98
54) o-xylene	9.55	106	394361	51.705	ug/L	98
55) Styrene	9.57	104	703428	53.066	ug/L	98
56) Isopropylbenzene	9.94	105	1048264	51.318	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.25	83	374965	51.576	ug/L	99
59) 1,2,3-Trichloropropane	10.28	75	322223	50.794	ug/L	100
61) Bromoform	9.74	173	157130	51.191	ug/L	100
62) 1,3-Dichlorobenzene	11.19	146	469176	51.639	ug/L	99
63) 1,4-Dichlorobenzene	11.28	146	475284	50.862	ug/L	100
65) 1,2-Dichlorobenzene	11.65	146	469292	50.600	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.43	75	92918	52.633	ug/L	96
67) 1,3,5-Trichlorobenzene	12.65	180	340918	52.007	ug/L	98
68) 1,2,4-trichlorobenzene	13.27	180	314842	53.943	ug/L	99
69) Naphthalene	13.51	128	1019881	55.555	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	304350	53.653	ug/L	99

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

