

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019512.D
 Acq On : 10 Dec 2020 15:38
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV65

Quant Time: Dec 11 02:24:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 10 15:38:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	710487	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	650503	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	310734	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	258705	50.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.56%
7) Chloroethane-d5	1.57	69	208775	51.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.92%
11) 1,1-Dichloroethene-d2	2.11	63	477402	50.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.98%
21) 2-Butanone-d5	3.89	46	307219	110.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.94%
24) Chloroform-d	4.35	84	484707	52.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.58%
26) 1,2-Dichloroethane-d4	5.04	65	324389	54.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.12%
32) Benzene-d6	5.05	84	915156	52.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.50%
36) 1,2-Dichloropropane-d6	6.07	67	294096	54.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.22%
41) Toluene-d8	7.32	98	803680	51.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.90%
43) trans-1,3-Dichloropropene-	7.62	79	166519	53.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.74%
47) 2-Hexanone-d5	8.09	63	238542	111.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.83%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	397883	54.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.26%
64) 1,2-Dichlorobenzene-d4	11.63	152	302645	52.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	277712	48.435	ug/L 99
3) Chloromethane	1.24	50	316040	51.856	ug/L 99
5) Vinyl chloride	1.31	62	311267	50.917	ug/L 99
6) Bromomethane	1.52	94	194111	52.874	ug/L 98
8) Chloroethane	1.59	64	191502	51.935	ug/L 99
9) Trichlorofluoromethane	1.76	101	367592	49.216	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	197848	47.966	ug/L 100
12) 1,1-Dichloroethene	2.12	96	213935	50.544	ug/L # 80
13) Acetone	2.18	43	249003	105.550	ug/L 97
14) Carbon disulfide	2.30	76	704471	50.653	ug/L 100
15) Methyl Acetate	2.43	43	283151	55.090	ug/L 100
16) Methylene chloride	2.51	84	257813	51.951	ug/L 100
17) trans-1,2-Dichloroethene	2.77	96	243741	52.538	ug/L 99
18) Methyl tert-butyl Ether	2.77	73	868842	53.596	ug/L 100
19) 1,1-Dichloroethane	3.19	63	469866	52.241	ug/L 100
20) cis-1,2-Dichloroethene	3.92	96	268654	52.678	ug/L 99
22) 2-Butanone	3.97	43	395881	114.401	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	131230	52.297	uq/L	99
25) Chloroform	4.38	83	469060	52.217	uq/L	99
27) 1,2-Dichloroethane	5.14	62	400154	53.771	uq/L	99
29) Cyclohexane	4.68	56	384890	48.276	uq/L	99
30) 1,1,1-Trichloroethane	4.61	97	416928	51.116	uq/L	99
31) Carbon tetrachloride	4.83	117	341844	49.647	uq/L	98
33) Benzene	5.10	78	997850	52.487	uq/L	100
34) Trichloroethene	5.92	95	254359	50.648	uq/L	99
35) Methylcyclohexane	6.14	83	370285	48.533	uq/L	99
37) 1,2-Dichloropropane	6.18	63	266157	53.609	uq/L	100
38) Bromodichloromethane	6.51	83	370751	53.403	uq/L	100
39) cis-1,3-Dichloropropene	7.03	75	452585	54.886	uq/L	99
40) 4-Methyl-2-pentanone	7.23	43	797301	111.311	uq/L	100
42) Toluene	7.39	91	1026710	51.240	uq/L	100
44) trans-1,3-Dichloropropene	7.65	75	446546	53.482	uq/L	98
45) 1,1,2-Trichloroethane	7.84	97	253599	53.789	uq/L	99
46) Tetrachloroethene	7.98	164	171845	49.451	uq/L	98
48) 2-Hexanone	8.14	43	606649	111.619	uq/L	99
49) Dibromochloromethane	8.25	129	277187	53.685	uq/L	98
50) 1,2-Dibromoethane	8.36	107	269459	54.273	uq/L	100
51) Chlorobenzene	8.88	112	662037	51.732	uq/L	100
52) Ethylbenzene	9.02	91	1150429	50.392	uq/L	100
53) m,p-Xylene	9.14	106	426630	50.021	uq/L	100
54) o-xylene	9.55	106	425409	50.887	uq/L	100
55) Styrene	9.56	104	750448	51.506	uq/L	99
56) Isopropylbenzene	9.94	105	1105473	49.637	uq/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.24	83	407819	53.788	uq/L	98
59) 1,2,3-Trichloropropane	10.28	75	331539	53.687	uq/L	100
61) Bromoform	9.74	173	190786	55.489	uq/L	99
62) 1,3-Dichlorobenzene	11.18	146	492889	51.700	uq/L	98
63) 1,4-Dichlorobenzene	11.28	146	495749	51.352	uq/L	99
65) 1,2-Dichlorobenzene	11.65	146	496599	52.715	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.43	75	109824	55.849	uq/L	96
67) 1,3,5-Trichlorobenzene	12.65	180	348192	51.693	uq/L	100
68) 1,2,4-trichlorobenzene	13.27	180	335262	53.233	uq/L	99
69) Naphthalene	13.50	128	1248191	57.077	uq/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	333767	54.230	uq/L	99

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

