

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102220\
 Data File : VV019069.D
 Acq On : 22 Oct 2020 14:21
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

Quant Time: Oct 23 06:28:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 13:54:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	310673	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	299611	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	158992	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	135795	48.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.24%
7) Chloroethane-d5	1.58	69	109276	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.12	63	256051	48.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.88%
21) 2-Butanone-d5	3.92	46	187438	98.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.75%
24) Chloroform-d	4.37	84	239885	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.05	65	161234	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.16%
32) Benzene-d6	5.07	84	460990	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.09	67	146306	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.56%
41) Toluene-d8	7.34	98	417070	50.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.78%
43) trans-1,3-Dichloropropene-	7.64	79	77291	50.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.62%
47) 2-Hexanone-d5	8.11	63	135067	104.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.64%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	193543	48.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	162827	48.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.66%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	123327	50.964	ug/L	99
3) Chloromethane	1.25	50	148405	49.312	ug/L	100
5) Vinyl chloride	1.32	62	147830	49.862	ug/L	99
6) Bromomethane	1.53	94	90109	53.118	ug/L	99
8) Chloroethane	1.60	64	93604	50.346	ug/L	98
9) Trichlorofluoromethane	1.77	101	197116	50.547	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	106819	51.505	ug/L	99
12) 1,1-Dichloroethene	2.13	96	102588	49.440	ug/L	92
13) Acetone	2.20	43	125022	97.181	ug/L	99
14) Carbon disulfide	2.31	76	342585	50.076	ug/L	100
15) Methyl Acetate	2.45	43	137918	51.015	ug/L	100
16) Methylene chloride	2.52	84	122346	50.587	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	111314	50.764	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	369215	51.924	ug/L	100
19) 1,1-Dichloroethane	3.21	63	222027	50.151	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	119699	51.050	ug/L	100
22) 2-Butanone	4.00	43	179882	101.998	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	61408	51.448	ug/L	97
25) Chloroform	4.40	83	219719	50.380	ug/L	100
27) 1,2-Dichloroethane	5.15	62	187488	51.800	ug/L	100
29) Cyclohexane	4.70	56	194174	54.144	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	192943	51.722	ug/L	99
31) Carbon tetrachloride	4.85	117	164646	50.629	ug/L	99
33) Benzene	5.13	78	471479	51.404	ug/L	100
34) Trichloroethene	5.94	95	117411	50.657	ug/L	97
35) Methylcyclohexane	6.15	83	170776	53.853	ug/L	100
37) 1,2-Dichloropropane	6.20	63	126547	50.116	ug/L	100
38) Bromodichloromethane	6.53	83	165017	51.649	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	192627	51.618	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	368286	108.109	ug/L	100
42) Toluene	7.41	91	490826	52.135	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	194802	52.618	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	114637	51.403	ug/L	98
46) Tetrachloroethene	8.00	164	91217	51.285	ug/L	99
48) 2-Hexanone	8.16	43	280494	106.704	ug/L	99
49) Dibromochloromethane	8.27	129	126836	52.032	ug/L	98
50) 1,2-Dibromoethane	8.37	107	118560	51.228	ug/L	99
51) Chlorobenzene	8.90	112	310983	51.503	ug/L	99
52) Ethylbenzene	9.03	91	537204	52.768	ug/L	100
53) m,p-Xylene	9.16	106	200043	53.676	ug/L	97
54) o-xylene	9.56	106	193270	53.861	ug/L	98
55) Styrene	9.58	104	348305	54.720	ug/L	100
56) Isopropylbenzene	9.95	105	510548	54.110	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	184981	50.408	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	150944	51.124	ug/L	100
61) Bromoform	9.75	173	92387	51.598	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	246380	51.639	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	253328	50.812	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	246223	51.183	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	44095	51.882	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	168661	51.768	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	162675	52.951	ug/L	98
69) Naphthalene	13.52	128	527930	55.772	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	165274	53.096	ug/L	99

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

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