

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120720\
 Data File : VV019491.D
 Acq On : 07 Dec 2020 14:40
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV64

Quant Time: Dec 08 02:58:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 07 16:45:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	342288	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	331770	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165683	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	118231	55.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.96%
7) Chloroethane-d5	1.57	69	111301	51.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.96%
11) 1,1-Dichloroethene-d2	2.12	63	248934	50.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.96%
21) 2-Butanone-d5	3.90	46	164872	101.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.20%
24) Chloroform-d	4.37	84	252736	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.38%
26) 1,2-Dichloroethane-d4	5.05	65	168711	50.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.72%
32) Benzene-d6	5.07	84	481201	51.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.09	67	160486	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.68%
41) Toluene-d8	7.33	98	427953	53.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.96%
43) trans-1,3-Dichloropropene-	7.64	79	78611	52.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.36%
47) 2-Hexanone-d5	8.10	63	101862	110.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.01%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	196054	52.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.66%
64) 1,2-Dichlorobenzene-d4	11.64	152	152696	50.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	77553	51.543	ug/L 97
3) Chloromethane	1.25	50	86399	51.968	ug/L 97
5) Vinyl chloride	1.32	62	110948	54.835	ug/L 100
6) Bromomethane	1.53	94	105697	58.585	ug/L 100
8) Chloroethane	1.59	64	79708	50.921	ug/L 98
9) Trichlorofluoromethane	1.76	101	169208	51.088	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	99254	50.998	ug/L 99
12) 1,1-Dichloroethene	2.13	96	91818	50.284	ug/L 95
13) Acetone	2.18	43	152734	78.720	ug/L 99
14) Carbon disulfide	2.31	76	250434	50.234	ug/L 99
15) Methyl Acetate	2.44	43	158357	51.030	ug/L 100
16) Methylene chloride	2.52	84	125478	49.394	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	107399	51.698	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	400774	52.228	ug/L 99
19) 1,1-Dichloroethane	3.21	63	251755	51.598	ug/L 99
20) cis-1,2-Dichloroethene	3.93	96	124384	51.434	ug/L 93
22) 2-Butanone	3.98	43	232704	98.296	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	60979	50.766	ug/L	96
25) Chloroform	4.40	83	246145	51.035	ug/L	99
27) 1,2-Dichloroethane	5.15	62	206046	52.373	ug/L	99
29) Cyclohexane	4.70	56	178435	52.529	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	202003	50.770	ug/L	99
31) Carbon tetrachloride	4.85	117	166376	50.966	ug/L	99
33) Benzene	5.12	78	494744	52.508	ug/L	100
34) Trichloroethene	5.93	95	130782	49.565	ug/L	98
35) Methylcyclohexane	6.15	83	165406	52.844	ug/L	99
37) 1,2-Dichloropropane	6.19	63	147873	52.719	ug/L	100
38) Bromodichloromethane	6.53	83	188451	52.084	ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	213535	54.205	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	453124	108.925	ug/L	100
42) Toluene	7.41	91	505740	53.409	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	217129	54.342	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	129568	51.560	ug/L	99
46) Tetrachloroethene	7.99	164	81150	51.054	ug/L	99
48) 2-Hexanone	8.15	43	351054	104.966	ug/L	100
49) Dibromochloromethane	8.26	129	136584	52.463	ug/L	97
50) 1,2-Dibromoethane	8.37	107	128146	51.692	ug/L	100
51) Chlorobenzene	8.90	112	314227	50.947	ug/L	100
52) Ethylbenzene	9.03	91	551003	53.494	ug/L	99
53) m,p-Xylene	9.15	106	195395	53.440	ug/L	97
54) o-xylene	9.56	106	192084	54.167	ug/L	98
55) Styrene	9.58	104	355822	56.000	ug/L	99
56) Isopropylbenzene	9.95	105	520173	54.046	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	200780	52.593	ug/L	97
59) 1,2,3-Trichloropropane	10.29	75	178754	51.428	ug/L	100
61) Bromoform	9.75	173	93984	50.695	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	249012	52.520	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	251304	50.496	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	250990	51.484	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	47954	49.816	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	178975	50.239	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	165896	52.997	ug/L	98
69) Naphthalene	13.52	128	440139	53.527	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	170759	52.819	ug/L	99

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

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