

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072220\
 Data File : VV017595.D
 Acq On : 22 Jul 2020 19:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05088

Quant Time: Jul 23 05:27:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 05:23:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	316483	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	301775	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162993	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88701	45.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.86%
7) Chloroethane-d5	1.58	69	65470	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.64%
11) 1,1-Dichloroethene-d2	2.12	63	189732	48.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.64%
21) 2-Butanone-d5	3.91	46	153301	103.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.77%
24) Chloroform-d	4.38	84	230253	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.82%
26) 1,2-Dichloroethane-d4	5.06	65	155060	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.04%
32) Benzene-d6	5.07	84	402757	49.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.96%
36) 1,2-Dichloropropane-d6	6.09	67	122161	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.00%
41) Toluene-d8	7.34	98	385420	50.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.34%
43) trans-1,3-Dichloropropene-	7.64	79	70479	50.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.66%
47) 2-Hexanone-d5	8.11	63	114193	102.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.97%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	174415	50.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	174041	51.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.98%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	165318	50.498	ug/L 100
3) Chloromethane	1.25	50	119575	47.955	ug/L 99
5) Vinyl chloride	1.32	62	118599	49.791	ug/L 99
6) Bromomethane	1.53	94	74967	50.251	ug/L 99
8) Chloroethane	1.60	64	62754	51.382	ug/L 99
9) Trichlorofluoromethane	1.76	101	194325	49.236	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	96542	49.534	ug/L 97
12) 1,1-Dichloroethene	2.13	96	91012	50.388	ug/L 95
13) Acetone	2.20	43	116383	87.294	ug/L 96
14) Carbon disulfide	2.31	76	311887	47.645	ug/L 99
15) Methyl Acetate	2.45	43	115777	50.941	ug/L 100
16) Methylene chloride	2.52	84	118439	49.565	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	110130	48.718	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	384500	50.890	ug/L 100
19) 1,1-Dichloroethane	3.21	63	206365	50.664	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	121799	50.177	ug/L 98
22) 2-Butanone	4.00	43	161546	97.557	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	67652	50.706	ug/L	98
25) Chloroform	4.40	83	224636	51.165	ug/L	100
27) 1,2-Dichloroethane	5.15	62	193777	51.992	ug/L	99
29) Cyclohexane	4.70	56	176454	48.379	ug/L	96
30) 1,1,1-Trichloroethane	4.63	97	216481	51.977	ug/L	100
31) Carbon tetrachloride	4.86	117	194064	51.591	ug/L	99
33) Benzene	5.13	78	452129	50.965	ug/L	100
34) Trichloroethene	5.94	95	122378	50.090	ug/L	99
35) Methylcyclohexane	6.16	83	188086	49.275	ug/L	99
37) 1,2-Dichloropropane	6.20	63	113637	50.083	ug/L	99
38) Bromodichloromethane	6.53	83	172875	51.712	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	192931	50.763	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	316370	100.818	ug/L	99
42) Toluene	7.41	91	498174	51.105	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	199397	52.578	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	115311	50.374	ug/L	99
46) Tetrachloroethene	8.00	164	105047	50.567	ug/L	96
48) 2-Hexanone	8.16	43	246799	98.750	ug/L	98
49) Dibromochloromethane	8.27	129	142229	50.958	ug/L	99
50) 1,2-Dibromoethane	8.37	107	127083	51.050	ug/L	98
51) Chlorobenzene	8.90	112	325033	50.243	ug/L	99
52) Ethylbenzene	9.03	91	559517	51.281	ug/L	99
53) m,p-Xylene	9.16	106	212270	50.778	ug/L	100
54) o-xylene	9.56	106	211876	52.180	ug/L	99
55) Styrene	9.58	104	360931	52.249	ug/L	99
56) Isopropylbenzene	9.95	105	569601	51.749	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	180148	49.888	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	150657	50.471	ug/L	99
61) Bromoform	9.75	173	107447	50.482	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	274667	50.188	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	277496	49.677	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	281092	50.662	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	47383	51.595	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	217036	50.234	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	193716	50.552	ug/L	99
69) Naphthalene	13.52	128	572050	53.323	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	194283	50.686	ug/L	99

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

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