

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018720.D
 Acq On : 07 Oct 2020 10:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Oct 08 02:49:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 07:22:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	287415	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	287877	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156393	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84198	49.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.90%
7) Chloroethane-d5	1.58	69	75143	53.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.82%
11) 1,1-Dichloroethene-d2	2.12	63	186377	54.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.54%
21) 2-Butanone-d5	3.91	46	112059	89.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.12%
24) Chloroform-d	4.38	84	181495	49.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.58%
26) 1,2-Dichloroethane-d4	5.05	65	119429	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.22%
32) Benzene-d6	5.07	84	335250	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
36) 1,2-Dichloropropane-d6	6.09	67	107027	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.16%
41) Toluene-d8	7.33	98	369302	53.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.66%
43) trans-1,3-Dichloropropene-	7.64	79	58440	49.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.20%
47) 2-Hexanone-d5	8.11	63	66929	79.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.98%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	121262	41.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	126443	42.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.08%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	85175	43.584	ug/L 100
3) Chloromethane	1.25	50	102260	48.903	ug/L 99
5) Vinyl chloride	1.32	62	112850	51.330	ug/L 99
6) Bromomethane	1.53	94	72881	48.706	ug/L 99
8) Chloroethane	1.60	64	72163	53.264	ug/L 97
9) Trichlorofluoromethane	1.77	101	175157	52.419	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	100353	53.659	ug/L 96
12) 1,1-Dichloroethene	2.13	96	92651	51.639	ug/L 98
13) Acetone	2.20	43	136113	125.301	ug/L 97
14) Carbon disulfide	2.31	76	279742	48.131	ug/L 99
15) Methyl Acetate	2.45	43	97107	46.401	ug/L 97
16) Methylene chloride	2.52	84	103333	47.986	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	91986	44.805	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	283594	45.338	ug/L 97
19) 1,1-Dichloroethane	3.21	63	171173	47.618	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	97480	44.677	ug/L 92
22) 2-Butanone	4.00	43	141116	102.834	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	56873	47.402	ug/L	97
25) Chloroform	4.40	83	192473	50.709	ug/L	99
27) 1,2-Dichloroethane	5.15	62	154416	52.195	ug/L	96
29) Cyclohexane	4.70	56	136185	41.478	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	166387	46.556	ug/L	97
31) Carbon tetrachloride	4.85	117	147534	45.997	ug/L	98
33) Benzene	5.12	78	391916	46.340	ug/L	100
34) Trichloroethene	5.94	95	119891	48.829	ug/L	97
35) Methylcyclohexane	6.15	83	149617	45.171	ug/L	97
37) 1,2-Dichloropropane	6.20	63	109758	50.583	ug/L	100
38) Bromodichloromethane	6.53	83	153336	52.767	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	179972	52.865	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	287603	102.719	ug/L	98
42) Toluene	7.41	91	504120	55.100	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	178502	53.376	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	111224	51.780	ug/L	98
46) Tetrachloroethene	7.99	164	91738	46.054	ug/L	96
48) 2-Hexanone	8.16	43	223160	102.152	ug/L	95
49) Dibromochloromethane	8.26	129	113026	46.004	ug/L	98
50) 1,2-Dibromoethane	8.37	107	103782	45.442	ug/L	98
51) Chlorobenzene	8.90	112	277523	44.838	ug/L	98
52) Ethylbenzene	9.03	91	463471	45.360	ug/L	99
53) m,p-Xylene	9.16	106	180079	45.605	ug/L	99
54) o-xylene	9.56	106	167824	44.891	ug/L	98
55) Styrene	9.58	104	308650	47.415	ug/L	94
56) Isopropylbenzene	9.95	105	442385	44.123	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	127446	42.093	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	122672	46.478	ug/L	98
61) Bromoform	9.75	173	75660	42.117	ug/L #	97
62) 1,3-Dichlorobenzene	11.20	146	226907	44.831	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	233336	44.770	ug/L	97
65) 1,2-Dichlorobenzene	11.66	146	222529	44.442	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	29449	43.083	ug/L	83
67) 1,3,5-Trichlorobenzene	12.67	180	133986	38.216	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	122913	37.675	ug/L	99
69) Naphthalene	13.53	128	401910	43.036	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	131415	40.126	ug/L	97

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

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