

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062920\
 Data File : VV017250.D
 Acq On : 30 Jun 2020 10:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Jun 30 12:04:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 30 07:40:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	342478	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327228	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	178871	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80802	33.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.88%
7) Chloroethane-d5	1.58	69	65664	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.56%
11) 1,1-Dichloroethene-d2	2.13	63	186351	45.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.84%
21) 2-Butanone-d5	3.91	46	168749	94.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.35%
24) Chloroform-d	4.37	84	231348	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
26) 1,2-Dichloroethane-d4	5.05	65	160770	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.20%
32) Benzene-d6	5.07	84	403169	42.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.48%
36) 1,2-Dichloropropane-d6	6.09	67	124341	42.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.58%
41) Toluene-d8	7.34	98	384081	44.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.74%
43) trans-1,3-Dichloropropene-	7.64	79	71108	46.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.86%
47) 2-Hexanone-d5	8.11	63	116442	90.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.84%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	182691	46.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	170224	44.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.18%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	175550	64.654	ug/L	99
3) Chloromethane	1.25	50	123656	49.800	ug/L	98
5) Vinyl chloride	1.32	62	124615	51.034	ug/L	99
6) Bromomethane	1.53	94	71394	70.202	ug/L	98
8) Chloroethane	1.60	64	63022	52.250	ug/L	97
9) Trichlorofluoromethane	1.77	101	212739	58.219	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	104543	57.414	ug/L	98
12) 1,1-Dichloroethene	2.14	96	93577	55.052	ug/L	86
13) Acetone	2.19	43	157523	133.667	ug/L	100
14) Carbon disulfide	2.31	76	306880	49.864	ug/L	100
15) Methyl Acetate	2.45	43	112785	42.939	ug/L	96
16) Methylene chloride	2.52	84	113403	45.465	ug/L	95
17) trans-1,2-Dichloroethene	2.78	96	109508	47.250	ug/L	94
18) Methyl tert-butyl Ether	2.78	73	362696	47.230	ug/L	98
19) 1,1-Dichloroethane	3.21	63	199370	45.701	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	118413	46.866	ug/L #	99
22) 2-Butanone	3.99	43	180749	99.460	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	64763	48.658	ug/L	93
25) Chloroform	4.40	83	217023	48.406	ug/L	96
27) 1,2-Dichloroethane	5.15	62	185784	49.432	ug/L	97
29) Cyclohexane	4.70	56	180914	44.491	ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	213050	51.053	ug/L	99
31) Carbon tetrachloride	4.85	117	192261	53.256	ug/L	99
33) Benzene	5.12	78	434241	44.852	ug/L	100
34) Trichloroethene	5.94	95	119275	45.935	ug/L	97
35) Methylcyclohexane	6.15	83	194408	47.725	ug/L	98
37) 1,2-Dichloropropane	6.20	63	108903	43.253	ug/L	99
38) Bromodichloromethane	6.53	83	162011	48.337	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	186370	47.652	ug/L	97
40) 4-Methyl-2-pentanone	7.24	43	311671	87.357	ug/L	97
42) Toluene	7.41	91	478022	46.836	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	188009	49.446	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	111327	45.830	ug/L	97
46) Tetrachloroethene	8.00	164	103064	50.468	ug/L	97
48) 2-Hexanone	8.16	43	263514	95.257	ug/L	99
49) Dibromochloromethane	8.27	129	137420	52.910	ug/L	100
50) 1,2-Dibromoethane	8.37	107	120904	47.529	ug/L	99
51) Chlorobenzene	8.90	112	315094	47.319	ug/L	99
52) Ethylbenzene	9.03	91	549947	48.647	ug/L	99
53) m,p-Xylene	9.16	106	207899	49.392	ug/L	99
54) o-xylene	9.56	106	203918	49.121	ug/L	96
55) Styrene	9.58	104	347275	49.479	ug/L	98
56) Isopropylbenzene	9.95	105	560952	50.289	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	168288	45.185	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	143590	45.965	ug/L	99
61) Bromoform	9.75	173	100360	54.548	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	265448	46.854	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	271892	47.168	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	267523	47.119	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	45552	51.025	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	206820	48.956	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	187912	48.493	ug/L	100
69) Naphthalene	13.52	128	568336	50.988	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	194855	51.392	ug/L	98

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

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