

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072220\
 Data File : VV017579.D
 Acq On : 22 Jul 2020 09:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05087

Quant Time: Jul 23 05:18:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 14:29:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	338232	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326638	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	175545	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97912	47.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.88%
7) Chloroethane-d5	1.58	69	66670	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.98%
11) 1,1-Dichloroethene-d2	2.12	63	195813	47.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.28%
21) 2-Butanone-d5	3.90	46	153672	97.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.33%
24) Chloroform-d	4.37	84	231445	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.64%
26) 1,2-Dichloroethane-d4	5.05	65	157575	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.02%
32) Benzene-d6	5.07	84	417541	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.74%
36) 1,2-Dichloropropane-d6	6.09	67	125138	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.58%
41) Toluene-d8	7.33	98	402203	48.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.70%
43) trans-1,3-Dichloropropene-	7.64	79	71747	47.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.66%
47) 2-Hexanone-d5	8.11	63	114721	95.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.57%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	175297	47.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	173995	47.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	179567	51.324	ug/L 97
3) Chloromethane	1.25	50	124157	46.591	ug/L 98
5) Vinyl chloride	1.32	62	121676	47.798	ug/L 98
6) Bromomethane	1.53	94	73179	45.898	ug/L 97
8) Chloroethane	1.60	64	62457	47.851	ug/L 99
9) Trichlorofluoromethane	1.76	101	211055	50.037	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	101918	48.929	ug/L 99
12) 1,1-Dichloroethene	2.13	96	92572	47.956	ug/L 89
13) Acetone	2.19	43	144601	101.485	ug/L 99
14) Carbon disulfide	2.31	76	331940	47.447	ug/L 99
15) Methyl Acetate	2.44	43	114028	46.946	ug/L 97
16) Methylene chloride	2.52	84	121342	47.514	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	114121	47.238	ug/L 96
18) Methyl tert-butyl Ether	2.78	73	385269	47.713	ug/L 100
19) 1,1-Dichloroethane	3.21	63	209231	48.064	ug/L 98
20) cis-1,2-Dichloroethene	3.93	96	124697	48.067	ug/L 97
22) 2-Butanone	3.99	43	182805	103.296	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	68062	47.733	ug/L	96
25) Chloroform	4.40	83	226948	48.368	ug/L	99
27) 1,2-Dichloroethane	5.15	62	191481	48.072	ug/L	99
29) Cyclohexane	4.70	56	189916	48.107	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	218663	48.504	ug/L	98
31) Carbon tetrachloride	4.85	117	200072	49.140	ug/L	98
33) Benzene	5.12	78	460954	48.005	ug/L	100
34) Trichloroethene	5.94	95	124903	47.232	ug/L	99
35) Methylcyclohexane	6.15	83	203050	49.146	ug/L	99
37) 1,2-Dichloropropane	6.19	63	113175	46.083	ug/L	98
38) Bromodichloromethane	6.53	83	174182	48.137	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	198434	48.237	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	321227	94.574	ug/L	99
42) Toluene	7.41	91	501055	47.488	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	200806	48.919	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	118695	47.905	ug/L	99
46) Tetrachloroethene	7.99	164	109936	48.892	ug/L	97
48) 2-Hexanone	8.15	43	274893	101.619	ug/L	98
49) Dibromochloromethane	8.27	129	145800	48.261	ug/L	98
50) 1,2-Dibromoethane	8.37	107	127562	47.342	ug/L	97
51) Chlorobenzene	8.90	112	329585	47.069	ug/L	99
52) Ethylbenzene	9.03	91	572634	48.489	ug/L	99
53) m,p-Xylene	9.16	106	221837	49.028	ug/L	96
54) o-xylene	9.56	106	212855	48.431	ug/L	98
55) Styrene	9.58	104	370602	49.565	ug/L	100
56) Isopropylbenzene	9.95	105	584896	49.094	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	179851	46.015	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	149888	46.391	ug/L	100
61) Bromoform	9.75	173	107287	46.802	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	282675	47.958	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	285394	47.438	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	287390	48.094	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	47392	47.915	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	225459	48.452	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	203228	49.242	ug/L	99
69) Naphthalene	13.52	128	590407	51.099	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	203929	49.398	ug/L	100

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

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