Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071520\
Data File : VV017499.D
Acq On : 15 Jul 2020 09:27
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00552

Quant Time: Jul 16 01:22:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 13:09:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	150817	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	144553	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81343	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	41504	4.73	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.60%			
7) Chloroethane-d5	1.58	69	33131	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.00%			
11) 1,1-Dichloroethene-d2	2.12	63	92076	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.00%			
20) 2-Butanone-d5	3.95	46	92999	51.66	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.32%			
24) Chloroform-d	4.37	84	95701	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
26) 1,2-Dichloroethane-d4	5.06	65	53304	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
32) Benzene-d6	5.07	84	166960	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
36) 1,2-Dichloropropane-d6	6.09	67	44588	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%			
41) Toluene-d8	7.33	98	162266	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
45) trans-1,3-Dichloropropene-	7.64	79	22377	4.97	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.40%			
48) 2-Hexanone-d5	8.11	63	72416	53.95	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.90%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	33856	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
65) 1,2-Dichlorobenzene-d4	11.65	152	67470	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	91928	5.165	ug/L	97
3) Chloromethane	1.25	50	59810	4.916	ug/L	95
5) Vinyl chloride	1.32	62	62740	5.154	ug/L	97
6) Bromomethane	1.53	94	37170	5.059	ug/L	93
8) Chloroethane	1.60	64	36361	5.166	ug/L	98
9) Trichlorofluoromethane	1.76	101	115810	5.203	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	54051	5.280	ug/L	98
12) 1,1-Dichloroethene	2.13	96	47999	5.290	ug/L	84
13) Acetone	2.24	43	72798	55.703	ug/L	92
14) Carbon disulfide	2.31	76	143459	5.107	ug/L	100
15) Methyl Acetate	2.46	43	15202	6.022	ug/L	99
16) Methylene chloride	2.52	84	46727	4.276	ug/L	97
17) Methyl tert-butyl Ether	2.79	73	118204	5.243	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	49091	5.045	ug/L	92
19) 1,1-Dichloroethane	3.21	63	97506	5.185	ug/L	98
21) 2-Butanone	4.03	43	102560	50.770	ug/L #	78
22) cis-1,2-Dichloroethene	3.93	96	53667	5.088	ug/L	100

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Data File : VV017499.D
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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00552

Quant Time: Jul 16 01:22:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 13:09:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.27	128	24628	5.185	ug/L		94
25) Chloroform	4.40	83	108224	5.334	ug/L		99
27) 1,2-Dichloroethane	5.15	62	69089	5.205	ug/L		98
29) 1,1,1-Trichloroethane	4.63	97	104463	5.111	ug/L		98
30) Cyclohexane	4.69	56	77145	4.958	ug/L		99
31) Carbon tetrachloride	4.85	117	97854	5.176	ug/L		97
33) Benzene	5.12	78	198000	5.148	ug/L		100
34) Trichloroethene	5.93	95	59291	5.049	ug/L		96
35) Methylcyclohexane	6.15	83	88512	5.122	ug/L		97
37) 1,2-Dichloropropane	6.20	63	46185	5.186	ug/L		99
38) Bromodichloromethane	6.53	83	71473	5.182	ug/L		96
39) cis-1,3-Dichloropropene	7.05	75	73624	5.140	ug/L		99
40) 4-Methyl-2-pentanone	7.25	43	255259	54.239	ug/L		98
42) Toluene	7.41	91	222666	5.243	ug/L		96
43) 1,3,5-Trimethylbenzene	10.56	105	223351	5.298	ug/L		99
44) 1,2,4-Trimethylbenzene	10.94	105	232907	5.547	ug/L		99
46) trans-1,3-Dichloropropene	7.67	75	67680	5.369	ug/L		97
47) 1,1,2-Trichloroethane	7.86	97	34401	5.171	ug/L		92
49) Tetrachloroethene	7.99	164	53663	5.370	ug/L		99
50) 2-Hexanone	8.16	43	184955	53.492	ug/L		99
51) Dibromochloromethane	8.27	129	48129	5.250	ug/L		92
52) 1,2-Dibromoethane	8.37	107	33944	5.208	ug/L	#	100
53) Chlorobenzene	8.90	112	151072	5.310	ug/L		100
54) Ethylbenzene	9.03	91	253623	5.218	ug/L		99
55) m,p-xylene	9.16	106	99217	5.398	ug/L		99
56) o-xylene	9.56	106	93955	5.284	ug/L		97
57) Styrene	9.58	104	162612	5.434	ug/L		99
58) Isopropylbenzene	9.95	105	266136	5.287	ug/L		99
60) 1,1,2,2-Tetrachloroethane	10.26	83	35716	5.316	ug/L		95
62) Bromoform	9.75	173	27182	5.195	ug/L		97
63) 1,3-Dichlorobenzene	11.20	146	132770	5.250	ug/L		98
64) 1,4-Dichlorobenzene	11.29	146	132760	5.289	ug/L		98
66) 1,2-Dichlorobenzene	11.67	146	117633	5.133	ug/L		98
67) 1,2-Dibromo-3-chloropropan	12.45	75	6853	4.853	ug/L		90
68) 1,3,5-Trichlorobenzene	12.67	180	104605	5.086	ug/L		99
69) 1,2,4-trichlorobenzene	13.28	180	87222	5.164	ug/L		98
70) Naphthalene	13.53	128	121820	5.125	ug/L		99
71) 1,2,3-Trichlorobenzene	13.77	180	75843	5.206	ug/L		96

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

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