Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016314.D
Acq On : 29 May 2020 11:55
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00541

Quant Time: May 29 23:41:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 04:21:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	101984	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	97618	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	46905	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	31535	4.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.20%			
7) Chloroethane-d5	1.58	69	24945	4.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.80%			
11) 1,1-Dichloroethene-d2	2.13	63	61710	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.40%			
20) 2-Butanone-d5	3.94	46	85490	52.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.24%			
24) Chloroform-d	4.38	84	61059	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	5.06	65	33213	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	5.08	84	121400	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
36) 1,2-Dichloropropane-d6	6.09	67	36859	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.34	98	114452	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
45) trans-1,3-Dichloropropene-	7.64	79	13962	5.01	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.20%			
48) 2-Hexanone-d5	8.11	63	68292	53.40	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.80%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26793	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	40435	5.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	46803	5.213	ug/L	100
3) Chloromethane	1.25	50	48049	4.896	ug/L	100
5) Vinyl chloride	1.32	62	45305	5.073	ug/L	98
6) Bromomethane	1.53	94	19602	3.901	ug/L	97
8) Chloroethane	1.60	64	28347	5.681	ug/L	98
9) Trichlorofluoromethane	1.77	101	59880	5.186	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	33015	5.246	ug/L	97
12) 1,1-Dichloroethene	2.14	96	31816	5.289	ug/L	92
13) Acetone	2.21	43	52230	51.934	ug/L	87
14) Carbon disulfide	2.31	76	93748	5.028	ug/L	99
15) Methyl Acetate	2.46	43	13798	5.369	ug/L	98
16) Methylene chloride	2.53	84	32774	4.752	ug/L	96
17) Methyl tert-butyl Ether	2.79	73	76352	5.155	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	33004	5.014	ug/L	96
19) 1,1-Dichloroethane	3.21	63	67752	5.418	ug/L	99
21) 2-Butanone	4.02	43	95463	53.360	ug/L	93
22) cis-1,2-Dichloroethene	3.94	96	38516	4.947	ug/L	96

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Acq On : 29 May 2020 11:55
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00541

Quant Time: May 29 23:41:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 04:21:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	15092	5.107 ug/L	96
25) Chloroform	4.41	83	70211	5.305 ug/L	99
27) 1,2-Dichloroethane	5.16	62	44568	5.151 ug/L #	95
29) 1,1,1-Trichloroethane	4.63	97	60415	5.214 ug/L	99
30) Cyclohexane	4.70	56	64184	5.169 ug/L	98
31) Carbon tetrachloride	4.85	117	50231	5.117 ug/L	99
33) Benzene	5.13	78	146093	5.201 ug/L	100
34) Trichloroethene	5.94	95	38458	5.255 ug/L	97
35) Methylcyclohexane	6.15	83	65555	5.311 ug/L	98
37) 1,2-Dichloropropane	6.20	63	35509	5.154 ug/L	99
38) Bromodichloromethane	6.53	83	44355	5.232 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	51071	5.234 ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	232554	54.252 ug/L	100
42) Toluene	7.41	91	161105	5.259 ug/L	97
43) 1,3,5-Trimethylbenzene	10.56	105	151215	5.422 ug/L	98
44) 1,2,4-Trimethylbenzene	10.94	105	155990	5.431 ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	42966	5.300 ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	24614	5.432 ug/L	97
49) Tetrachloroethene	8.00	164	27526	5.239 ug/L	98
50) 2-Hexanone	8.16	43	165098	55.229 ug/L	99
51) Dibromochloromethane	8.27	129	25029	5.215 ug/L	99
52) 1,2-Dibromoethane	8.37	107	22565	5.300 ug/L	96
53) Chlorobenzene	8.90	112	100023	5.284 ug/L	99
54) Ethylbenzene	9.03	91	182969	5.358 ug/L	99
55) m,p-xylene	9.16	106	68400	5.342 ug/L	99
56) o-xylene	9.57	106	65310	5.352 ug/L	99
57) Styrene	9.58	104	109872	5.411 ug/L	100
58) Isopropylbenzene	9.95	105	180073	5.387 ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	29584	5.251 ug/L	98
62) Bromoform	9.75	173	10557	5.234 ug/L	96
63) 1,3-Dichlorobenzene	11.20	146	77878	5.441 ug/L	99
64) 1,4-Dichlorobenzene	11.30	146	77331	5.316 ug/L	96
66) 1,2-Dichlorobenzene	11.67	146	69845	5.398 ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	4640	5.309 ug/L	96
68) 1,3,5-Trichlorobenzene	12.67	180	56089	5.537 ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	48066	5.404 ug/L	98
70) Naphthalene	13.53	128	133637	6.877 ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	42871	5.344 ug/L	98

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

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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
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