Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051220\
Data File : VV016005.D
Acq On : 12 May 2020 10:37
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00541

Manual Integrations APPROVED
sam
5/13/2020 1:58:01 PM

Quant Time: May 13 06:39:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 12 11:35:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	141793	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138255	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	70451	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	30487	3.96	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.20%			
7) Chloroethane-d5	1.58	69	30965	4.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.00%			
11) 1,1-Dichloroethene-d2	2.12	63	76216	4.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.20%			
20) 2-Butanone-d5	3.97	46	119835	54.61	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.22%			
24) Chloroform-d	4.38	84	84927	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.00%			
26) 1,2-Dichloroethane-d4	5.06	65	48653	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
32) Benzene-d6	5.07	84	160148	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
36) 1,2-Dichloropropane-d6	6.09	67	50979	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.60%			
41) Toluene-d8	7.34	98	150960	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
45) trans-1,3-Dichloropropene-	7.64	79	18755	4.76	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.20%			
48) 2-Hexanone-d5	8.12	63	93354	53.92	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.84%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37708	5.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.80%			
65) 1,2-Dichlorobenzene-d4	11.65	152	55247	4.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	56990	5.245	ug/L	98
3) Chloromethane	1.25	50	59345	5.395	ug/L	97
5) Vinyl chloride	1.32	62	55306	5.258	ug/L	99
6) Bromomethane	1.53	94	29733	4.981	ug/L	97
8) Chloroethane	1.59	64	35729	4.767	ug/L	95
9) Trichlorofluoromethane	1.76	101	78518	5.442	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	42483	5.213	ug/L	99
12) 1,1-Dichloroethene	2.13	96	41785	5.355	ug/L	85
13) Acetone	2.27	43	78968m	54.556	ug/L	
14) Carbon disulfide	2.31	76	132158	5.130	ug/L	98
15) Methyl Acetate	2.47	43	21586	6.453	ug/L #	64
16) Methylene chloride	2.52	84	49196	5.269	ug/L	97
17) Methyl tert-butyl Ether	2.79	73	110437	5.447	ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	47595	5.519	ug/L	99
19) 1,1-Dichloroethane	3.21	63	92521	5.570	ug/L	99
21) 2-Butanone	4.05	43	124713	56.575	ug/L	95
22) cis-1,2-Dichloroethene	3.94	96	48434	5.365	ug/L	99

Quantitation Report (QT Reviewed)

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Data File : VV016005.D
Acq On : 12 May 2020 10:37
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 13 06:39:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 12 11:35:23 2020
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : VSTD00541

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.28	128	21145	5.488	ug/L		97
25) Chloroform	4.40	83	99441	5.436	ug/L		100
27) 1,2-Dichloroethane	5.16	62	61556	5.477	ug/L		100
29) 1,1,1-Trichloroethane	4.63	97	84813	5.563	ug/L		98
30) Cyclohexane	4.70	56	82752	5.416	ug/L		97
31) Carbon tetrachloride	4.85	117	71071	5.401	ug/L		98
33) Benzene	5.12	78	198464	5.706	ug/L		100
34) Trichloroethene	5.94	95	52128	5.251	ug/L		95
35) Methylcyclohexane	6.15	83	78940	5.256	ug/L		99
37) 1,2-Dichloropropane	6.20	63	50303	5.692	ug/L		100
38) Bromodichloromethane	6.53	83	61935	5.519	ug/L		100
39) cis-1,3-Dichloropropene	7.05	75	63666	5.097	ug/L		99
40) 4-Methyl-2-pentanone	7.25	43	314934	57.176	ug/L		100
42) Toluene	7.41	91	206720	5.607	ug/L		99
43) 1,3,5-Trimethylbenzene	10.56	105	188598	5.572	ug/L	#	100
44) 1,2,4-Trimethylbenzene	10.94	105	188621	5.577	ug/L	#	100
46) trans-1,3-Dichloropropene	7.67	75	53848	5.104	ug/L		99
47) 1,1,2-Trichloroethane	7.86	97	33904	5.745	ug/L		99
49) Tetrachloroethene	8.00	164	38234	5.519	ug/L		99
50) 2-Hexanone	8.16	43	224691	57.684	ug/L		99
51) Dibromochloromethane	8.27	129	37159	5.604	ug/L		99
52) 1,2-Dibromoethane	8.37	107	30888	5.643	ug/L		96
53) Chlorobenzene	8.90	112	132342	5.581	ug/L		99
54) Ethylbenzene	9.03	91	230879	5.507	ug/L		99
55) m,p-xylene	9.16	106	87416	5.631	ug/L		98
56) o-xylene	9.56	106	84151	5.670	ug/L		97
57) Styrene	9.58	104	143983	5.800	ug/L		99
58) Isopropylbenzene	9.95	105	226911	5.565	ug/L		99
60) 1,1,2,2-Tetrachloroethane	10.26	83	36728	5.824	ug/L		99
62) Bromoform	9.75	173	16549	5.113	ug/L		99
63) 1,3-Dichlorobenzene	11.20	146	105022	5.533	ug/L		98
64) 1,4-Dichlorobenzene	11.30	146	104732	5.492	ug/L		100
66) 1,2-Dichlorobenzene	11.67	146	96135	5.596	ug/L		97
67) 1,2-Dibromo-3-chloropropan	12.45	75	6189	5.520	ug/L		95
68) 1,3,5-Trichlorobenzene	12.67	180	73233	5.277	ug/L		98
69) 1,2,4-trichlorobenzene	13.29	180	62998	5.283	ug/L		99
70) Naphthalene	13.53	128	102900	5.426	ug/L		100
71) 1,2,3-Trichlorobenzene	13.77	180	56989	5.418	ug/L		99

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

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