Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052020\
Data File : VV016124.D
Acq On : 20 May 2020 10:55
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00551

Manual Integrations APPROVED
apatel
5/22/2020 11:27:03 AM

Quant Time: May 21 01:21:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 20 01:20:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	143394	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	142775	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73609	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	37423	4.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.20%			
7) Chloroethane-d5	1.58	69	39274	5.33	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.60%			
11) 1,1-Dichloroethene-d2	2.12	63	81314	4.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.20%			
20) 2-Butanone-d5	3.99	46	128572m	57.94	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.88%			
24) Chloroform-d	4.38	84	86424	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
26) 1,2-Dichloroethane-d4	5.06	65	53680	5.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.20%			
32) Benzene-d6	5.07	84	178267	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.00%			
36) 1,2-Dichloropropane-d6	6.09	67	55578	5.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.20%			
41) Toluene-d8	7.34	98	166179	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.40%			
45) trans-1,3-Dichloropropene-	7.64	79	21471	5.28	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 105.60%			
48) 2-Hexanone-d5	8.12	63	107851	60.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 120.64%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	45146	6.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 123.80%#			
65) 1,2-Dichlorobenzene-d4	11.65	152	62080	5.20	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	52050	4.737	ug/L	99
3) Chloromethane	1.25	50	54805	4.927	ug/L	99
5) Vinyl chloride	1.32	62	53158	4.997	ug/L	96
6) Bromomethane	1.53	94	33084	5.480	ug/L	99
8) Chloroethane	1.60	64	33022	4.357	ug/L	98
9) Trichlorofluoromethane	1.76	101	76896	5.270	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	42676	5.178	ug/L	98
12) 1,1-Dichloroethene	2.13	96	40393	5.119	ug/L	87
13) Acetone	2.26	43	63907m	43.658	ug/L	
14) Carbon disulfide	2.31	76	117094	4.494	ug/L	99
15) Methyl Acetate	2.47	43	19530	5.774	ug/L #	89
16) Methylene chloride	2.52	84	44075	4.668	ug/L	91
17) Methyl tert-butyl Ether	2.80	73	101750	4.962	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	43468	4.984	ug/L	98
19) 1,1-Dichloroethane	3.21	63	85727	5.104	ug/L	99
21) 2-Butanone	4.06	43	124420	55.812	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	48489	5.311	ug/L	98

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00551

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Quant Time: May 21 01:21:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 20 01:20:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.28	128	20775	5.332	ug/L		92
25) Chloroform	4.40	83	104291	5.638	ug/L		98
27) 1,2-Dichloroethane	5.16	62	59602	5.244	ug/L		100
29) 1,1,1-Trichloroethane	4.63	97	82601	5.246	ug/L		99
30) Cyclohexane	4.69	56	76707	4.862	ug/L		99
31) Carbon tetrachloride	4.85	117	69062	5.083	ug/L		98
33) Benzene	5.12	78	190469	5.302	ug/L		100
34) Trichloroethene	5.94	95	48707	4.751	ug/L		94
35) Methylcyclohexane	6.15	83	78022	5.031	ug/L		99
37) 1,2-Dichloropropane	6.20	63	46753	5.123	ug/L		98
38) Bromodichloromethane	6.53	83	59738	5.155	ug/L		95
39) cis-1,3-Dichloropropene	7.05	75	64009	4.962	ug/L		99
40) 4-Methyl-2-pentanone	7.26	43	303533	53.362	ug/L		100
42) Toluene	7.41	91	206206	5.416	ug/L		99
43) 1,3,5-Trimethylbenzene	10.56	105	187056	5.352	ug/L	#	100
44) 1,2,4-Trimethylbenzene	10.94	105	186543	5.341	ug/L	#	100
46) trans-1,3-Dichloropropene	7.68	75	56127	5.151	ug/L		100
47) 1,1,2-Trichloroethane	7.86	97	31794	5.217	ug/L		98
49) Tetrachloroethene	7.99	164	38569	5.391	ug/L		97
50) 2-Hexanone	8.17	43	219532	54.575	ug/L		99
51) Dibromochloromethane	8.27	129	35844	5.234	ug/L		98
52) 1,2-Dibromoethane	8.38	107	29634	5.243	ug/L		98
53) Chlorobenzene	8.90	112	131347	5.364	ug/L		100
54) Ethylbenzene	9.03	91	229953	5.311	ug/L		99
55) m,p-xylene	9.16	106	88170	5.500	ug/L		95
56) o-xylene	9.56	106	82012	5.351	ug/L		99
57) Styrene	9.58	104	142284	5.550	ug/L		100
58) Isopropylbenzene	9.95	105	226154	5.371	ug/L		99
60) 1,1,2,2-Tetrachloroethane	10.26	83	38172	5.861	ug/L		100
62) Bromoform	9.75	173	17085	5.052	ug/L		98
63) 1,3-Dichlorobenzene	11.20	146	106117	5.351	ug/L		99
64) 1,4-Dichlorobenzene	11.30	146	105783	5.309	ug/L		99
66) 1,2-Dichlorobenzene	11.67	146	95594	5.326	ug/L		97
67) 1,2-Dibromo-3-chloropropan	12.45	75	6727	5.742	ug/L		90
68) 1,3,5-Trichlorobenzene	12.67	180	74244	5.120	ug/L		99
69) 1,2,4-trichlorobenzene	13.29	180	63894	5.128	ug/L		98
70) Naphthalene	13.53	128	104556	5.277	ug/L		99
71) 1,2,3-Trichlorobenzene	13.77	180	58289	5.303	ug/L		96

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

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