Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052220\
Data File : VV016189.D
Acq On : 22 May 2020 23:09
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00556

Quant Time: May 23 05:13:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 23 05:08:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	165529	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	153825	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76614	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	51869	5.78	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 115.60%			
7) Chloroethane-d5	1.58	69	44319	5.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.20%			
11) 1,1-Dichloroethene-d2	2.13	63	105960	5.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 109.80%			
20) 2-Butanone-d5	3.95	46	105479	41.18	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.36%			
24) Chloroform-d	4.38	84	92144	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
26) 1,2-Dichloroethane-d4	5.06	65	47538	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.40%			
32) Benzene-d6	5.08	84	192495	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.20%			
36) 1,2-Dichloropropane-d6	6.10	67	57351	5.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.60%			
41) Toluene-d8	7.34	98	183536	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.00%			
45) trans-1,3-Dichloropropene-	7.65	79	20287	4.63	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.60%			
48) 2-Hexanone-d5	8.12	63	88460	45.92	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.84%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37304	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	62889	5.06	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	71482	5.636	ug/L	99
3) Chloromethane	1.25	50	77160	6.009	ug/L	99
5) Vinyl chloride	1.32	62	68580	5.585	ug/L	99
6) Bromomethane	1.53	94	33021	4.738	ug/L	97
8) Chloroethane	1.60	64	39854	4.555	ug/L	98
9) Trichlorofluoromethane	1.77	101	86347	5.127	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	52785	5.548	ug/L	98
12) 1,1-Dichloroethene	2.14	96	51111	5.611	ug/L	84
13) Acetone	2.25	43	64043	37.900	ug/L	96
14) Carbon disulfide	2.31	76	152490	5.070	ug/L	99
15) Methyl Acetate	2.47	43	19753	5.059	ug/L #	90
16) Methylene chloride	2.53	84	56623	5.195	ug/L	96
17) Methyl tert-butyl Ether	2.79	73	113401	4.791	ug/L	97
18) trans-1,2-Dichloroethene	2.78	96	54532	5.417	ug/L	99
19) 1,1-Dichloroethane	3.22	63	100453	5.181	ug/L	99
21) 2-Butanone	4.04	43	116665	45.335	ug/L	81
22) cis-1,2-Dichloroethene	3.94	96	107706	10.220	ug/L	99

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ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00556

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 23 05:08:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.28	128	21432	4.765	ug/L		98
25) Chloroform	4.41	83	102236	4.788	ug/L		98
27) 1,2-Dichloroethane	5.16	62	59938	4.568	ug/L		100
29) 1,1,1-Trichloroethane	4.64	97	100764	5.940	ug/L		98
30) Cyclohexane	4.71	56	100839	5.932	ug/L		96
31) Carbon tetrachloride	4.86	117	74688	5.102	ug/L		98
33) Benzene	5.13	78	216540	5.595	ug/L		100
34) Trichloroethene	5.94	95	56092	5.078	ug/L		93
35) Methylcyclohexane	6.16	83	96373	5.768	ug/L		98
37) 1,2-Dichloropropane	6.20	63	54800	5.573	ug/L		100
38) Bromodichloromethane	6.54	83	62684	5.020	ug/L		98
39) cis-1,3-Dichloropropene	7.05	75	69189	4.979	ug/L		98
40) 4-Methyl-2-pentanone	7.25	43	300204	48.985	ug/L		99
42) Toluene	7.41	91	279565	6.815	ug/L		99
43) 1,3,5-Trimethylbenzene	10.56	105	226704	6.020	ug/L	#	100
44) 1,2,4-Trimethylbenzene	10.94	105	233044	6.193	ug/L	#	100
46) trans-1,3-Dichloropropene	7.68	75	58352	4.971	ug/L		98
47) 1,1,2-Trichloroethane	7.86	97	32522	4.953	ug/L		97
49) Tetrachloroethene	8.00	164	43964	5.704	ug/L		97
50) 2-Hexanone	8.17	43	205434	47.402	ug/L		98
51) Dibromochloromethane	8.27	129	35446	4.804	ug/L		98
52) 1,2-Dibromoethane	8.38	107	30666	5.036	ug/L		98
53) Chlorobenzene	8.90	112	147879	5.605	ug/L		98
54) Ethylbenzene	9.04	91	278648	5.974	ug/L		99
55) m,p-xylene	9.16	106	111001	6.427	ug/L		97
56) o-xylene	9.57	106	101754	6.162	ug/L		96
57) Styrene	9.58	104	164469	5.955	ug/L		97
58) Isopropylbenzene	9.95	105	269726	5.945	ug/L		99
60) 1,1,2,2-Tetrachloroethane	10.26	83	38416	5.475	ug/L		100
62) Bromoform	9.76	173	16296	4.630	ug/L		96
63) 1,3-Dichlorobenzene	11.20	146	116656	5.652	ug/L		98
64) 1,4-Dichlorobenzene	11.30	146	117422	5.662	ug/L		99
66) 1,2-Dichlorobenzene	11.67	146	104268	5.581	ug/L		97
67) 1,2-Dibromo-3-chloropropan	12.45	75	6011	4.930	ug/L		95
68) 1,3,5-Trichlorobenzene	12.67	180	84524	5.601	ug/L		98
69) 1,2,4-trichlorobenzene	13.28	180	72283	5.574	ug/L		99
70) Naphthalene	13.52	128	264971	12.848	ug/L		99
71) 1,2,3-Trichlorobenzene	13.77	180	62261	5.443	ug/L		100

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

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