Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005952.D
Acq On : 30 May 2019 03:46
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02003

Quant Time: May 30 06:15:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	615627	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	2683502	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.38	164	1473523	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.14	188	2995019	20.00	ng/ul	0.02
77) Chrysene-d12	21.34	240	1948308	20.00	ng/ul	0.01
85) Perylene-d12	23.61	264	2079233	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	106694	7.63	ng/uL	0.00
5) Phenol-d5	6.91	99	1070167	19.61	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	595945	19.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	846375	20.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	841572	19.11	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	411647	23.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	376187	23.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	821885	21.70	ng/ul	0.01
29) 4-Chloroaniline-d4	10.66	131	1070419	21.56	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	2184701	20.11	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	2892820	21.29	ng/ul	0.01
51) 4-Nitrophenol-d4	14.59	143	402549	20.36	ng/ul	0.03
57) Fluorene-d10	15.38	176	1873060	20.56	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.51	200	48975	4.01	ng/ul	0.03
70) Anthracene-d10	17.23	188	2705248	21.22	ng/ul	0.01
78) Pyrene-d10	19.54	212	2441633	24.81	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.46	264	1950422	21.02	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	112644	7.602	ng/uL	95
4) Benzaldehyde	6.88	77	725380	19.256	ng/ul	97
6) Phenol	6.94	94	1098661	19.541	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.17	93	839823	19.344	ng/ul	92
10) 2-Chlorophenol	7.31	128	867352	20.526	ng/ul	92
11) 2-Methylphenol	8.18	108	835033	19.277	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.27	45	1105244	19.115	ng/ul#	93
14) Acetophenone	8.55	105	1276764	19.224	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.54	70	637467	17.937	ng/ul#	86
16) 4-Methylphenol	8.51	108	894635	18.812	ng/ul	99
17) Hexachloroethane	8.81	117	253479	15.042	ng/ul	93
20) Nitrobenzene	8.94	77	958170	21.794	ng/ul	92
21) Isophorone	9.45	82	1839955	19.224	ng/ul	98
23) 2-Nitrophenol	9.64	139	399921	21.300	ng/ul	93
24) 2,4-Dimethylphenol	9.70	107	960197	20.411	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.94	93	1132812	19.445	ng/ul	99
27) 2,4-Dichlorophenol	10.17	162	804958	21.468	ng/ul	99
28) Naphthalene	10.57	128	2683051	21.067	ng/ul	100
30) 4-Chloroaniline	10.68	127	1083627	21.753	ng/ul	99
31) Hexachlorobutadiene	10.85	225	471507	22.629	ng/ul	98
32) Caprolactam	11.45	113	289968	19.376	ng/ul	77
33) 4-Chloro-3-methylphenol	11.81	107	883501	19.542	ng/ul	92
34) 2-Methylnaphthalene	12.19	142	1897293	20.223	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	908111	23.076 ng/ul	97
37) Hexachlorocyclopentadiene	12.54	237	71915	3.139 ng/ul	96
38) 2,4,6-Trichlorophenol	12.81	196	604043	23.327 ng/ul	98
39) 2,4,5-Trichlorophenol	12.88	196	642666	22.701 ng/ul	100
40) 1,1'-Biphenyl	13.21	154	2368691	21.674 ng/ul	98
41) 2-Chloronaphthalene	13.25	162	1805248	21.809 ng/ul	98
42) 2-Nitroaniline	13.46	65	534908	24.430 ng/ul#	83
44) Dimethylphthalate	13.84	163	2164902	19.940 ng/ul	99
45) 2,6-Dinitrotoluene	13.96	165	412429	22.036 ng/ul	95
47) Acenaphthylene	14.10	152	2839289	21.307 ng/ul	99
48) 3-Nitroaniline	14.29	138	505687	24.888 ng/ul#	92
49) Acenaphthene	14.45	153	1907625	21.073 ng/ul	99
50) 2,4-Dinitrophenol	14.50	184	23126	2.777 ng/ul	97
52) 4-Nitrophenol	14.60	109	311033	20.072 ng/ul	86
53) Dibenzofuran	14.78	168	2679345	20.967 ng/ul	97
54) 2,4-Dinitrotoluene	14.75	165	545657	19.559 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.01	232	514391	22.107 ng/ul	99
56) Diethylphthalate	15.21	149	2213902	19.591 ng/ul	99
58) Fluorene	15.44	166	2066790	20.593 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.43	204	996844	20.843 ng/ul	98
60) 4-Nitroaniline	15.45	138	548380	22.288 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.52	198	51949	3.869 ng/ul#	96
64) N-Nitrosodiphenylamine	15.64	169	1861035	22.288 ng/ul	98
65) 4-Bromophenyl-phenylether	16.32	248	626542	22.526 ng/ul	98
66) Hexachlorobenzene	16.44	284	661931	22.149 ng/ul	97
67) Atrazine	16.60	200	572757	19.391 ng/ul	98
68) Pentachlorophenol	16.78	266	371471	21.128 ng/ul	97
69) Phenanthrene	17.18	178	3147689	21.212 ng/ul	99
71) Anthracene	17.26	178	3208283	21.296 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.18	216	923259	24.841 ng/uL	97
73) Pentachlorobenzene	14.71	250	820903	23.848 ng/uL	99
74) Carbazole	17.54	167	2936942	21.640 ng/ul	100
75) Di-n-butylphthalate	18.11	149	3805907	21.456 ng/ul	100
76) Fluoranthene	19.20	202	3170377	20.013 ng/ul#	94
79) Pyrene	19.56	202	3113579	25.228 ng/ul#	94
80) Butylbenzylphthalate	20.47	149	1527009	27.532 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.26	252	1007007	26.026 ng/ul	100
82) Benzo(a)anthracene	21.32	228	2585914	21.114 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.25	149	2063280	25.665 ng/ul	99
84) Chrysene	21.38	228	2392554	20.945 ng/ul	99
86) Di-n-octyl phthalate	22.15	149	3398875	27.705 ng/ul	100
87) Benzo(b)fluoranthene	22.93	252	2459141	21.057 ng/ul	99
88) Benzo(k)fluoranthene	22.98	252	2308605	21.500 ng/ul#	98
90) Benzo(a)pyrene	23.52	252	2300412	20.888 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.91	276	2673261	20.686 ng/ul#	94
92) Dibenzo(a,h)anthracene	25.92	278	2264024	21.042 ng/ul	98
93) Benzo(g,h,i)perylene	26.61	276	2289586	21.036 ng/ul#	92

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

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