Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020672.D
Acq On : 03 Jun 2019 15:52
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jun 04 01:39:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	239853	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	969061	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	502987	20.00	ng		-0.01
64) Phenanthrene-d10	17.21	188	1059643	20.00	ng		0.00
76) Chrysene-d12	21.39	240	1040528	20.00	ng		-0.01
87) Perylene-d12	23.67	264	1184181	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1164455	85.40	ng		0.00
7) Phenol-d6	6.99	99	1549729	77.19	ng		0.00
23) Nitrobenzene-d5	8.99	82	1555370	83.16	ng		-0.01
42) 2,4,6-Tribromophenol	15.95	330	507995	81.51	ng		-0.01
45) 2-Fluorobiphenyl	13.09	172	3166956	83.71	ng		0.00
79) Terphenyl-d14	19.83	244	4500041	72.34	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	257328	46.095	ng		97
3) Pyridine	3.75	79	765261	43.085	ng		98
4) n-Nitrosodimethylamine	3.66	42	313046	40.885	ng		98
6) Aniline	7.16	93	1087441	37.433	ng		98
8) 2-Chlorophenol	7.39	128	673660	39.714	ng		98
9) Benzaldehyde	6.97	77	452004	38.201	ng		97
10) Phenol	7.02	94	825624	38.159	ng		99
11) bis(2-Chloroethyl)ether	7.26	93	652920	37.865	ng		98
12) 1,3-Dichlorobenzene	7.72	146	792818	40.667	ng		99
13) 1,4-Dichlorobenzene	7.86	146	807855	40.762	ng		98
14) 1,2-Dichlorobenzene	8.18	146	771086	39.979	ng		99
15) Benzyl Alcohol	8.07	79	617309	34.755	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	932036	35.010	ng		99
17) 2-Methylphenol	8.26	107	552105	36.288	ng		99
18) Hexachloroethane	8.90	117	302606	39.880	ng		97
19) n-Nitroso-di-n-propylamine	8.63	70	528775	32.764	ng		99
20) 3+4-Methylphenols	8.59	107	728807	35.208	ng		99
22) Acetophenone	8.65	105	987951	40.132	ng	#	97
24) Nitrobenzene	9.03	77	791284	41.442	ng		98
25) Isophorone	9.55	82	1347978	36.232	ng		99
26) 2-Nitrophenol	9.73	139	303843	42.698	ng		98
27) 2,4-Dimethylphenol	9.79	122	528012	39.597	ng		98
28) bis(2-Chloroethoxy)methane	10.03	93	856840	38.090	ng		99
29) 2,4-Dichlorophenol	10.26	162	590793	40.046	ng		98
30) 1,2,4-Trichlorobenzene	10.48	180	706596	41.653	ng		98
31) Naphthalene	10.67	128	2018966	40.515	ng		100
32) Benzoic acid	9.92	122	306226	37.717	ng		99
33) 4-Chloroaniline	10.78	127	883397	38.091	ng		98
34) Hexachlorobutadiene	10.95	225	413947	40.669	ng		100
35) Caprolactam	11.56	113	182659	35.639	ng		97
36) 4-Chloro-3-methylphenol	11.90	107	619902	36.140	ng		100
37) 2-Methylnaphthalene	12.28	142	1392862	37.709	ng		100
38) 1-Methylnaphthalene	12.50	142	1323264	37.624	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	691155	41.930	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	359447	36.462	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	444394	41.884	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	456742	41.697	ng	97
46) 1,1'-Biphenyl	13.30	154	1759459	41.884	ng	99
47) 2-Chloronaphthalene	13.34	162	1419299	41.862	ng	98
48) 2-Nitroaniline	13.54	65	439775	41.327	ng	97
49) Acenaphthylene	14.19	152	2159118	40.815	ng	99
50) Dimethylphthalate	13.93	163	1667358	38.800	ng	100
51) 2,6-Dinitrotoluene	14.04	165	353164	40.474	ng	94
52) Acenaphthene	14.53	154	1278658	40.560	ng	99
53) 3-Nitroaniline	14.37	138	400412	41.113	ng	97
54) 2,4-Dinitrophenol	14.57	184	128808	38.460	ng	95
55) Dibenzofuran	14.86	168	1968450	40.203	ng	100
56) 4-Nitrophenol	14.67	139	299648	41.752	ng	99
57) 2,4-Dinitrotoluene	14.83	165	471448	40.353	ng	98
58) Fluorene	15.52	166	1593414	39.573	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	386842	40.529	ng	99
60) Diethylphthalate	15.29	149	1662705	37.516	ng	100
61) 4-Chlorophenyl-phenylether	15.51	204	819829	38.454	ng	98
62) 4-Nitroaniline	15.54	138	429986	41.629	ng	95
63) Azobenzene	15.80	77	1619096	38.105	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	174052	38.281	ng	96
66) n-Nitrosodiphenylamine	15.73	169	1357965	40.032	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	490438	39.310	ng	97
68) Hexachlorobenzene	16.50	284	577625	39.649	ng	97
69) Atrazine	16.67	200	419661	41.452	ng	99
70) Pentachlorophenol	16.85	266	295836	42.566	ng	98
71) Phenanthrene	17.25	178	2440310	40.628	ng	99
72) Anthracene	17.34	178	2429251	40.409	ng	100
73) Carbazole	17.62	167	2269273	41.597	ng	100
74) Di-n-butylphthalate	18.18	149	2727810	38.519	ng	100
75) Fluoranthene	19.26	202	2776650	41.569	ng	99
77) Benzidine	19.46	184	1330433	42.197	ng	100
78) Pyrene	19.63	202	2877882	36.042	ng	100
80) Butylbenzylphthalate	20.53	149	1220778	36.178	ng	95
81) Benzo(a)anthracene	21.37	228	2886554	39.836	ng	99
82) 3,3'-Dichlorobenzidine	21.31	252	1128926	42.546	ng	99
83) Chrysene	21.43	228	2766446	40.164	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1775897	36.211	ng	99
85) Di-n-octyl phthalate	22.20	149	3046188	39.123	ng	99
86) Indeno(1,2,3-cd)pyrene	26.01	276	3624366	51.434	ng	100
88) Benzo(b)fluoranthene	22.99	252	3003853	38.379	ng	100
89) Benzo(k)fluoranthene	23.03	252	2942745	38.474	ng	99
90) Benzo(a)pyrene	23.58	252	2816132	39.668	ng	100
91) Dibenzo(a,h)anthracene	26.02	278	3007136	43.661	ng	99
92) Benzo(g,h,i)perylene	26.72	276	2840367	44.399	ng	99

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

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