Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\
Data File : BM017409.D
Acq On : 29 Oct 2018 15:52
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 30 02:36:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 15:08:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	226621	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	1056080	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	651148	20.00	ng		0.00
64) Phenanthrene-d10	17.04	188	1560483	20.00	ng		0.00
76) Chrysene-d12	21.24	240	1871031	20.00	ng		0.00
87) Perylene-d12	23.45	264	1657173	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1068043	79.71	ng		0.00
7) Phenol-d6	6.83	99	1547275	84.79	ng		0.00
23) Nitrobenzene-d5	8.80	82	1530640	84.77	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	802506	91.13	ng		0.00
45) 2-Fluorobiphenyl	12.91	172	3785191	77.35	ng		0.00
79) Terphenyl-d14	19.69	244	6683190	80.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	234499	34.273	ng		89
3) Pyridine	3.63	79	617377	39.216	ng		88
4) n-Nitrosodimethylamine	3.55	42	234721	37.140	ng	#	75
6) Aniline	6.99	93	949237	41.587	ng		97
8) 2-Chlorophenol	7.22	128	657818	42.437	ng		100
9) Benzaldehyde	6.81	77	429351	36.900	ng		96
10) Phenol	6.86	94	812348	41.362	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	628775	40.161	ng		99
12) 1,3-Dichlorobenzene	7.54	146	709034	39.238	ng		97
13) 1,4-Dichlorobenzene	7.69	146	729474	39.513	ng		97
14) 1,2-Dichlorobenzene	8.00	146	709999	39.916	ng		99
15) Benzyl Alcohol	7.89	79	609247	45.675	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.18	45	819342	37.459	ng		99
17) 2-Methylphenol	8.09	107	549575	43.596	ng		99
18) Hexachloroethane	8.71	117	251910	39.872	ng		98
19) n-Nitroso-di-n-propylamine	8.46	70	528386	43.974	ng		97
20) 3+4-Methylphenols	8.42	107	774802	44.938	ng		99
22) Acetophenone	8.47	105	1036227	38.708	ng	#	99
24) Nitrobenzene	8.85	77	770575	40.344	ng		95
25) Isophorone	9.37	82	1243807	41.714	ng		98
26) 2-Nitrophenol	9.55	139	398888	45.024	ng		97
27) 2,4-Dimethylphenol	9.62	122	561036	42.552	ng		99
28) bis(2-Chloroethoxy)methane	9.85	93	839206	39.987	ng		99
29) 2,4-Dichlorophenol	10.08	162	668677	43.681	ng		99
30) 1,2,4-Trichlorobenzene	10.29	180	727532	39.617	ng		98
31) Naphthalene	10.47	128	2035968	39.339	ng		99
32) Benzoic acid	9.77	122	508661	51.706	ng		94
33) 4-Chloroaniline	10.59	127	938581	41.991	ng		98
34) Hexachlorobutadiene	10.75	225	440215	37.833	ng		99
35) Caprolactam	11.40	113	264216	47.359	ng		88
36) 4-Chloro-3-methylphenol	11.72	107	766589	44.425	ng		98
37) 2-Methylnaphthalene	12.09	142	1479764	41.783	ng		99
38) 1-Methylnaphthalene	12.31	142	1448407	42.020	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	883371	38.523	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	381027	34.371	ng		98
43) 2,4,6-Trichlorophenol	12.72	196	583146	43.807	ng		100
44) 2,4,5-Trichlorophenol	12.79	196	615349	43.108	ng		99
46) 1,1'-Biphenyl	13.12	154	2264439	38.645	ng		100
47) 2-Chloronaphthalene	13.16	162	1698349	39.398	ng		98
48) 2-Nitroaniline	13.37	65	525425	43.719	ng		94
49) Acenaphthylene	14.01	152	2594380	41.520	ng		99
50) Dimethylphthalate	13.76	163	2058771	40.982	ng		99
51) 2,6-Dinitrotoluene	13.88	165	482049	43.597	ng		99
52) Acenaphthene	14.36	154	1579298	40.255	ng		97
53) 3-Nitroaniline	14.22	138	535899	44.751	ng		98
54) 2,4-Dinitrophenol	14.42	184	268530	45.367	ng		96
55) Dibenzofuran	14.69	168	2580805	39.557	ng		99
56) 4-Nitrophenol	14.53	139	426860	41.522	ng		98
57) 2,4-Dinitrotoluene	14.67	165	680714	45.806	ng	#	98
58) Fluorene	15.34	166	1983517	41.074	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	582944	44.802	ng		99
60) Diethylphthalate	15.13	149	2130353	42.761	ng		100
61) 4-Chlorophenyl-phenylether	15.34	204	1115829	40.531	ng		98
62) 4-Nitroaniline	15.39	138	585779	44.245	ng		98
63) Azobenzene	15.64	77	1984612	40.984	ng		99
65) 4,6-Dinitro-2-methylphenol	15.44	198	442270	44.699	ng		97
66) n-Nitrosodiphenylamine	15.56	169	1938164	41.052	ng		100
67) 4-Bromophenyl-phenylether	16.24	248	714654	41.709	ng		97
68) Hexachlorobenzene	16.34	284	804450	40.418	ng		98
69) Atrazine	16.53	200	705086	41.727	ng		98
70) Pentachlorophenol	16.70	266	597543	43.827	ng		99
71) Phenanthrene	17.09	178	3331875	39.574	ng		100
72) Anthracene	17.17	178	3301857	41.274	ng		100
73) Carbazole	17.46	167	3457293	42.307	ng		100
74) Di-n-butylphthalate	18.02	149	3764746	43.679	ng		99
75) Fluoranthene	19.11	202	4034603	42.586	ng		99
77) Benzidine	19.30	184	1847477	38.941	ng		99
78) Pyrene	19.47	202	4282590	40.953	ng		100
80) Butylbenzylphthalate	20.39	149	1829460	46.277	ng		95
81) Benzo(a)anthracene	21.23	228	4280728	40.656	ng		99
82) 3,3'-Dichlorobenzidine	21.17	252	1711383	43.611	ng		98
83) Chrysene	21.28	228	4075076	39.102	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	2566561	42.801	ng		98
85) Di-n-octyl phthalate	22.04	149	4481661	43.979	ng		99
86) Indeno(1,2,3-cd)pyrene	25.66	276	3463503	29.713	ng		99
88) Benzo(b)fluoranthene	22.79	252	3947273	43.566	ng		100
89) Benzo(k)fluoranthene	22.84	252	3719490	40.912	ng		99
90) Benzo(a)pyrene	23.36	252	3488648	40.554	ng		99
91) Dibenzo(a,h)anthracene	25.67	278	2981371	34.902	ng		99
92) Benzo(g,h,i)perylene	26.33	276	2732093	32.271	ng		99

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

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