Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
Data File : BM017256.D
Acq On : 20 Oct 2018 09:37
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Oct 22 04:25:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	299263	20.00	ng		-0.01
21) Naphthalene-d8	10.44	136	1372892	20.00	ng		-0.01
39) Acenaphthene-d10	14.30	164	861989	20.00	ng		-0.01
64) Phenanthrene-d10	17.06	188	2000502	20.00	ng		-0.01
76) Chrysene-d12	21.25	240	1909596	20.00	ng		-0.01
87) Perylene-d12	23.46	264	1649539	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1357963	76.75	ng		-0.01
7) Phenol-d6	6.85	99	1919098	79.64	ng		-0.01
23) Nitrobenzene-d5	8.82	82	2018153	85.97	ng		-0.01
42) 2,4,6-Tribromophenol	15.80	330	1024548	87.89	ng		-0.01
45) 2-Fluorobiphenyl	12.92	172	5077251	78.37	ng		-0.01
79) Terphenyl-d14	19.70	244	7797040	92.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	308838	34.182	ng	#	87
3) Pyridine	3.64	79	797579	38.365	ng	#	82
4) n-Nitrosodimethylamine	3.56	42	328186	39.324	ng	#	65
6) Aniline	7.00	93	1206431	40.025	ng		97
8) 2-Chlorophenol	7.23	128	828332	40.466	ng		97
9) Benzaldehyde	6.82	77	579330	37.704	ng		97
10) Phenol	6.87	94	1012862	39.053	ng		99
11) bis(2-Chloroethyl)ether	7.10	93	817747	39.553	ng		98
12) 1,3-Dichlorobenzene	7.55	146	925434	38.783	ng		96
13) 1,4-Dichlorobenzene	7.70	146	950297	38.980	ng		99
14) 1,2-Dichlorobenzene	8.01	146	919863	39.161	ng		99
15) Benzyl Alcohol	7.91	79	785426	44.590	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1123015	38.880	ng		98
17) 2-Methylphenol	8.10	107	690687	41.490	ng		96
18) Hexachloroethane	8.73	117	340673	40.832	ng		98
19) n-Nitroso-di-n-propylamine	8.47	70	705696	44.474	ng		99
20) 3+4-Methylphenols	8.43	107	971753	42.680	ng		97
22) Acetophenone	8.49	105	1365791	39.246	ng	#	99
24) Nitrobenzene	8.86	77	1027785	41.393	ng		94
25) Isophorone	9.39	82	1639344	42.292	ng		99
26) 2-Nitrophenol	9.56	139	500104	43.625	ng		96
27) 2,4-Dimethylphenol	9.63	122	710930	41.478	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	1105234	40.511	ng		100
29) 2,4-Dichlorophenol	10.09	162	861502	43.290	ng		99
30) 1,2,4-Trichlorobenzene	10.30	180	958142	40.135	ng		99
31) Naphthalene	10.49	128	2658982	39.521	ng		100
32) Benzoic acid	9.80	122	616581	48.213	ng		96
33) 4-Chloroaniline	10.60	127	1229083	42.298	ng		97
34) Hexachlorobutadiene	10.77	225	614018	40.592	ng		99
35) Caprolactam	11.41	113	305226	42.085	ng		97
36) 4-Chloro-3-methylphenol	11.74	107	987064	44.002	ng		98
37) 2-Methylnaphthalene	12.10	142	1948247	42.317	ng		98
38) 1-Methylnaphthalene	12.33	142	1897978	42.356	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1189910	39.198	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	661605	45.083	ng		98
43) 2,4,6-Trichlorophenol	12.73	196	760368	43.149	ng		99
44) 2,4,5-Trichlorophenol	12.80	196	806886	42.700	ng		97
46) 1,1'-Biphenyl	13.13	154	3018941	38.919	ng		99
47) 2-Chloronaphthalene	13.17	162	2227278	39.030	ng		99
48) 2-Nitroaniline	13.39	65	677784	42.747	ng		99
49) Acenaphthylene	14.03	152	3360864	40.631	ng		100
50) Dimethylphthalate	13.77	163	2729594	41.045	ng		99
51) 2,6-Dinitrotoluene	13.89	165	621938	42.491	ng		94
52) Acenaphthene	14.37	154	2053643	39.542	ng		99
53) 3-Nitroaniline	14.23	138	669025	42.203	ng		97
54) 2,4-Dinitrophenol	14.43	184	341188	43.874	ng		95
55) Dibenzofuran	14.71	168	3385382	39.197	ng		99
56) 4-Nitrophenol	14.53	139	536685	39.673	ng		93
57) 2,4-Dinitrotoluene	14.69	165	857370	43.582	ng	#	99
58) Fluorene	15.36	166	2576292	40.300	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	764881	44.406	ng		99
60) Diethylphthalate	15.14	149	2840778	43.073	ng		100
61) 4-Chlorophenyl-phenylether	15.36	204	1485007	40.747	ng		95
62) 4-Nitroaniline	15.39	138	698623	40.333	ng		95
63) Azobenzene	15.65	77	2661732	41.522	ng		97
65) 4,6-Dinitro-2-methylphenol	15.45	198	557657	44.080	ng		97
66) n-Nitrosodiphenylamine	15.58	169	2526918	41.750	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	938087	42.707	ng		98
68) Hexachlorobenzene	16.36	284	1043879	40.912	ng		100
69) Atrazine	16.54	200	927799	42.830	ng		98
70) Pentachlorophenol	16.71	266	749130	42.859	ng		99
71) Phenanthrene	17.10	178	4224709	39.142	ng		99
72) Anthracene	17.19	178	4213500	41.085	ng		99
73) Carbazole	17.47	167	4186293	39.960	ng		99
74) Di-n-butylphthalate	18.03	149	4838715	43.792	ng		99
75) Fluoranthene	19.12	202	4742361	39.047	ng		100
77) Benzidine	19.32	184	2409569	49.763	ng		99
78) Pyrene	19.49	202	4983423	46.693	ng		100
80) Butylbenzylphthalate	20.40	149	2033564	49.762	ng		96
81) Benzo(a)anthracene	21.24	228	4345393	40.437	ng		100
82) 3,3'-Dichlorobenzidine	21.17	252	1686529	42.110	ng		99
83) Chrysene	21.29	228	4188748	39.381	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	2805551	45.465	ng		99
85) Di-n-octyl phthalate	22.05	149	4223785	41.038	ng		100
86) Indeno(1,2,3-cd)pyrene	25.67	276	3768419	31.676	ng		99
88) Benzo(b)fluoranthene	22.80	252	3656588	40.545	ng		99
89) Benzo(k)fluoranthene	22.84	252	3794922	41.935	ng		99
90) Benzo(a)pyrene	23.37	252	3440232	40.176	ng		99
91) Dibenzo(a,h)anthracene	25.69	278	3182874	37.434	ng		99
92) Benzo(g,h,i)perylene	26.35	276	3111547	36.923	ng		99

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

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