Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\
Data File : BM011267.D
Acq On : 17 Aug 2017 15:08
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Aug 18 00:58:38 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 02:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	100590	20.00	ng		-0.01
21) Naphthalene-d8	10.03	136	401590	20.00	ng		-0.02
38) Acenaphthene-d10	13.94	164	309028	20.00	ng		-0.02
63) Phenanthrene-d10	16.70	188	830106	20.00	ng		-0.01
75) Chrysene-d12	20.93	240	1102420	20.00	ng		-0.02
86) Perylene-d12	23.00	264	988968	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	536821	90.21	ng		-0.01
7) Phenol-d6	6.48	99	789217	93.35	ng		-0.01
23) Nitrobenzene-d5	8.42	82	1137276	106.29	ng		-0.02
41) 2,4,6-Tribromophenol	15.45	330	418624	84.52	ng		-0.02
44) 2-Fluorobiphenyl	12.55	172	2049683	83.18	ng		-0.02
78) Terphenyl-d14	19.37	244	4625789	83.12	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	137153	51.335	ng	#	100
3) Pyridine	3.29	79	379380	51.986	ng	#	85
4) n-Nitrosodimethylamine	3.20	42	215881	58.049	ng	#	66
6) Aniline	6.62	93	498228	46.757	ng	#	79
8) 2-Chlorophenol	6.85	128	258176	42.735	ng	#	63
9) Benzaldehyde	6.43	77	252211	46.105	ng	#	67
10) Phenol	6.50	94	435587	47.434	ng		93
11) bis(2-Chloroethyl)ether	6.73	93	330076	46.131	ng		84
12) 1,3-Dichlorobenzene	7.16	146	318288	43.230	ng	#	71
13) 1,4-Dichlorobenzene	7.31	146	334466	44.318	ng	#	85
14) 1,2-Dichlorobenzene	7.62	146	302076	41.863	ng	#	87
15) Benzyl Alcohol	7.53	79	408373	50.351	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.82	45	326149	50.655	ng		76
17) 2-Methylphenol	7.73	107	260457	44.378	ng	#	65
18) Hexachloroethane	8.33	117	156385	47.516	ng	#	79
19) n-Nitroso-di-n-propylamine	8.09	70	396532	55.192	ng	#	86
20) 3+4-Methylphenols	8.06	107	364882	44.725	ng	#	77
22) Acetophenone	8.09	105	541270	44.964	ng	#	87
24) Nitrobenzene	8.46	77	608355	54.867	ng	#	77
25) Isophorone	8.99	82	919291	51.528	ng	#	84
26) 2-Nitrophenol	9.16	139	158211	44.845	ng	#	1
27) 2,4-Dimethylphenol	9.25	122	278068	44.773	ng	#	67
28) bis(2-Chloroethoxy)methane	9.48	93	470943	47.329	ng	#	97
29) 2,4-Dichlorophenol	9.69	162	305386	43.759	ng		88
30) 1,2,4-Trichlorobenzene	9.90	180	385701	44.698	ng		100
31) Naphthalene	10.08	128	864193	42.776	ng		98
32) Benzoic acid	9.39	122	196051	39.273	ng	#	44
33) 4-Chloroaniline	10.21	127	329883	40.932	ng	#	66
34) Hexachlorobutadiene	10.37	225	331663	48.800	ng		98
35) Caprolactam	10.99	113	95003	48.002	ng	#	88
36) 4-Chloro-3-methylphenol	11.35	107	431859	47.923	ng	#	68
37) 2-Methylnaphthalene	11.70	142	656268	44.219	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	571903	43.075	ng	#	100
40) Hexachlorocyclopentadiene	12.07	237	307816	39.789	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.35	196	346165	43.077	ng		96
43) 2,4,5-Trichlorophenol	12.42	196	345222	41.710	ng	#	84
45) 1,1'-Biphenyl	12.76	154	1083126	40.535	ng		96
46) 2-Chloronaphthalene	12.79	162	803090	40.791	ng	#	91
47) 2-Nitroaniline	13.02	65	384775	55.244	ng	#	57
48) Acenaphthylene	13.66	152	1227762	41.787	ng		99
49) Dimethylphthalate	13.42	163	1093795	41.375	ng	#	99
50) 2,6-Dinitrotoluene	13.54	165	229262	42.886	ng	#	32
51) Acenaphthene	14.01	154	775144	42.607	ng		98
52) 3-Nitroaniline	13.87	138	187528	40.424	ng	#	1
53) 2,4-Dinitrophenol	14.08	184	167475	44.081	ng	#	83
54) Dibenzofuran	14.35	168	1263045	42.847	ng	#	88
55) 4-Nitrophenol	14.21	139	137913	33.838	ng	#	84
56) 2,4-Dinitrotoluene	14.33	165	333510	44.439	ng	#	72
57) Fluorene	15.00	166	1101607	42.922	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.59	232	357530	46.086	ng	#	100
59) Diethylphthalate	14.81	149	1183902	43.851	ng		97
60) 4-Chlorophenyl-phenylether	15.01	204	685528	44.240	ng		96
61) 4-Nitroaniline	15.05	138	166124	33.714	ng	#	1
62) Azobenzene	15.30	77	1553083	53.749	ng		83
64) 4,6-Dinitro-2-methylphenol	15.10	198	253093	45.037	ng		94
65) n-Nitrosodiphenylamine	15.23	169	1001355	42.151	ng		98
66) 4-Bromophenyl-phenylether	15.91	248	451876	42.345	ng	#	89
67) Hexachlorobenzene	16.01	284	496931	41.209	ng	#	85
68) Atrazine	16.20	200	397482	41.752	ng		96
69) Pentachlorophenol	16.36	266	332656	43.452	ng		97
70) Phenanthrene	16.75	178	1959387	45.079	ng		99
71) Anthracene	16.83	178	1913603	44.144	ng		98
72) Carbazole	17.12	167	1727315	45.563	ng		97
73) Di-n-butylphthalate	17.70	149	2075697	44.961	ng	#	96
74) Fluoranthene	18.78	202	2598236	48.236	ng		98
76) Benzidine	19.00	184	619017	23.472	ng		98
77) Pyrene	19.14	202	2681091	40.930	ng		99
79) Butylbenzylphthalate	20.09	149	1000035	42.932	ng	#	57
80) Benzo(a)anthracene	20.92	228	2759893	43.844	ng		99
81) 3,3'-Dichlorobenzidine	20.86	252	1061313	42.978	ng	#	97
82) Chrysene	20.97	228	2660128	44.025	ng		98
83) Bis(2-ethylhexyl)phthalate	20.88	149	1447222	42.234	ng		99
84) Di-n-octyl phthalate	21.73	149	2460771	44.246	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.01	276	2747891	43.911	ng	#	95
87) Benzo(b)fluoranthene	22.39	252	2779307	43.787	ng	#	93
88) Benzo(k)fluoranthene	22.43	252	2545185	41.837	ng	#	95
89) Benzo(a)pyrene	22.91	252	2501402	43.552	ng	#	96
90) Dibenzo(a,h)anthracene	25.02	278	2237748	42.028	ng	#	90
91) Benzo(g,h,i)perylene	25.62	276	2244583	42.931	ng	#	83

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

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