Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098072.D
Acq On : 28 Aug 2017 18:04
Operator : SJ/JU
Sample : PB101862BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB101862BS

Quant Time: Aug 29 08:41:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	107637	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	422923	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	184894	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	355345	20.00	ng		0.00
75) Chrysene-d12	13.90	240	280253	20.00	ng		0.00
86) Perylene-d12	15.32	264	229430	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	923912	130.56	ng		0.01
7) Phenol-d6	6.39	99	1252143	130.23	ng		0.00
23) Nitrobenzene-d5	7.31	82	766153	98.41	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	229446	143.02	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1142300	90.77	ng		0.00
78) Terphenyl-d14	12.85	244	987945	73.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	141023	35.734	ng		90
3) Pyridine	3.19	79	418994	38.405	ng		87
4) n-Nitrosodimethylamine	3.15	42	165470	39.417	ng	#	75
6) Aniline	6.41	93	367573	27.214	ng		99
8) 2-Chlorophenol	6.53	128	321587	43.092	ng		100
9) Benzaldehyde	6.29	77	161231	26.475	ng		93
10) Phenol	6.40	94	459696	40.880	ng		93
11) bis(2-Chloroethyl)ether	6.49	93	348348	41.043	ng		94
12) 1,3-Dichlorobenzene	6.69	146	318541	39.682	ng	#	95
13) 1,4-Dichlorobenzene	6.76	146	320909	39.307	ng		94
14) 1,2-Dichlorobenzene	6.92	146	298578	39.663	ng		99
15) Benzyl Alcohol	6.89	79	315564	43.838	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	448818	39.303	ng		91
17) 2-Methylphenol	7.00	107	289012	43.946	ng		96
18) Hexachloroethane	7.25	117	127363	39.790	ng	#	79
19) n-Nitroso-di-n-propylamine	7.16	70	253462	38.509	ng		89
20) 3+4-Methylphenols	7.16	107	346575	43.146	ng		92
22) Acetophenone	7.16	105	458492	41.037	ng	#	90
24) Nitrobenzene	7.33	77	401077	46.270	ng		93
25) Isophorone	7.57	82	697111	43.063	ng		96
26) 2-Nitrophenol	7.65	139	162719	51.396	ng	#	81
27) 2,4-Dimethylphenol	7.69	122	291332	43.152	ng		95
28) bis(2-Chloroethoxy)methane	7.78	93	435366	40.908	ng		99
29) 2,4-Dichlorophenol	7.89	162	251948	44.957	ng		91
30) 1,2,4-Trichlorobenzene	7.97	180	251782	40.527	ng		99
31) Naphthalene	8.05	128	904863	41.212	ng		99
32) Benzoic acid	7.83	122	187716	39.474	ng		88
33) 4-Chloroaniline	8.10	127	206259	22.275	ng		99
34) Hexachlorobutadiene	8.16	225	142670	39.332	ng		97
35) Caprolactam	8.48	113	92537m	48.570	ng		
36) 4-Chloro-3-methylphenol	8.59	107	303980	42.217	ng	#	81
37) 2-Methylnaphthalene	8.74	142	585138	43.469	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	229705	40.481	ng	#	97
40) Hexachlorocyclopentadiene	8.89	237	263392	96.622	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	169051	44.375 ng		100
43) 2,4,5-Trichlorophenol	9.06	196	174086	46.062 ng		95
45) 1,1'-Biphenyl	9.20	154	677218	40.166 ng		97
46) 2-Chloronaphthalene	9.23	162	505917	40.610 ng	#	91
47) 2-Nitroaniline	9.33	65	203826	48.804 ng		96
48) Acenaphthylene	9.65	152	832282	42.543 ng		99
49) Dimethylphthalate	9.51	163	589596	43.625 ng		99
50) 2,6-Dinitrotoluene	9.57	165	130009	48.191 ng	#	56
51) Acenaphthene	9.82	154	489518	39.675 ng		99
52) 3-Nitroaniline	9.73	138	103949	29.865 ng		82
53) 2,4-Dinitrophenol	9.85	184	123353	94.079 ng	#	77
54) Dibenzofuran	9.99	168	733227	44.341 ng		99
55) 4-Nitrophenol	9.91	139	240311	86.550 ng	#	40
56) 2,4-Dinitrotoluene	9.97	165	169162	49.965 ng	#	51
57) Fluorene	10.33	166	553351	43.282 ng		95
58) 2,3,4,6-Tetrachlorophenol	10.11	232	143439	49.020 ng		94
59) Diethylphthalate	10.21	149	601226	42.539 ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	252000	42.428 ng		88
61) 4-Nitroaniline	10.35	138	150916	45.620 ng	#	71
62) Azobenzene	10.48	77	729797	43.471 ng		92
64) 4,6-Dinitro-2-methylphenol	10.39	198	82421	49.010 ng	#	77
65) n-Nitrosodiphenylamine	10.45	169	502213	41.503 ng		98
66) 4-Bromophenyl-phenylether	10.81	248	155734	42.204 ng		98
67) Hexachlorobenzene	10.87	284	151768	40.352 ng	#	82
68) Atrazine	10.97	200	147374	45.924 ng		98
69) Pentachlorophenol	11.07	266	165747	75.582 ng		99
70) Phenanthrene	11.29	178	807562	42.648 ng		99
71) Anthracene	11.34	178	835974	43.528 ng		100
72) Carbazole	11.50	167	792358	43.464 ng		99
73) Di-n-butylphthalate	11.83	149	925884	44.093 ng		99
74) Fluoranthene	12.47	202	876232	44.335 ng		98
76) Benzidine	12.60	184	256529	27.917 ng	#	90
77) Pyrene	12.70	202	898895	39.216 ng		99
79) Butylbenzylphthalate	13.32	149	396742	45.145 ng	#	70
80) Benzo(a)anthracene	13.89	228	689557	41.053 ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	185353	32.702 ng	#	96
82) Chrysene	13.93	228	667844	39.969 ng		98
83) Bis(2-ethylhexyl)phthalate	13.88	149	457749	47.005 ng		98
84) Di-n-octyl phthalate	14.49	149	806561	47.601 ng		98
85) Indeno(1,2,3-cd)pyrene	16.71	276	605129	49.231 ng		94
87) Benzo(b)fluoranthene	14.92	252	611075	42.255 ng		97
88) Benzo(k)fluoranthene	14.94	252	583033	42.912 ng	#	94
89) Benzo(a)pyrene	15.26	252	576066	44.996 ng		99
90) Dibenzo(a,h)anthracene	16.72	278	488930	46.910 ng		99
91) Benzo(g,h,i)perylene	17.13	276	520698	47.879 ng		93

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

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