Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098059.D
Acq On : 28 Aug 2017 10:49
Operator : SJ/JU
Sample : PB101824BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB101824BS

Quant Time: Aug 28 13:52:36 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	90405	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	367604	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	168367	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	334293	20.00	ng		0.00
75) Chrysene-d12	13.90	240	266934	20.00	ng		0.00
86) Perylene-d12	15.32	264	197486	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	727432	122.39	ng		0.01
7) Phenol-d6	6.39	99	973575	120.56	ng		0.00
23) Nitrobenzene-d5	7.31	82	598005	88.37	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	182877	125.18	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	907144	79.16	ng		0.00
78) Terphenyl-d14	12.85	244	808950	63.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	119684	36.108	ng		90
3) Pyridine	3.20	79	345568	37.712	ng		87
4) n-Nitrosodimethylamine	3.15	42	128279	36.383	ng	#	74
6) Aniline	6.40	93	128308	11.310	ng	#	59
8) 2-Chlorophenol	6.53	128	250840	40.019	ng		93
9) Benzaldehyde	6.29	77	123156	24.077	ng		92
10) Phenol	6.40	94	353264	37.403	ng		96
11) bis(2-Chloroethyl)ether	6.48	93	274209	38.466	ng		97
12) 1,3-Dichlorobenzene	6.69	146	249364	36.985	ng	#	95
13) 1,4-Dichlorobenzene	6.76	146	256039	37.339	ng		95
14) 1,2-Dichlorobenzene	6.92	146	237665	37.589	ng		100
15) Benzyl Alcohol	6.89	79	249368	41.245	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.02	45	354938	37.007	ng		90
17) 2-Methylphenol	7.00	107	223830	40.522	ng		95
18) Hexachloroethane	7.25	117	103064	38.336	ng	#	77
19) n-Nitroso-di-n-propylamine	7.16	70	200053	36.188	ng		91
20) 3+4-Methylphenols	7.16	107	277329	41.107	ng	#	90
22) Acetophenone	7.15	105	366438	37.733	ng	#	87
24) Nitrobenzene	7.33	77	311847	41.390	ng		94
25) Isophorone	7.57	82	546235	38.821	ng		96
26) 2-Nitrophenol	7.65	139	125474	46.189	ng	#	80
27) 2,4-Dimethylphenol	7.69	122	226059	38.523	ng		93
28) bis(2-Chloroethoxy)methane	7.78	93	346874	37.498	ng		98
29) 2,4-Dichlorophenol	7.89	162	193498	39.723	ng		95
30) 1,2,4-Trichlorobenzene	7.97	180	197131	36.506	ng		99
31) Naphthalene	8.05	128	709771	37.192	ng		100
32) Benzoic acid	7.82	122	140246	34.829	ng		96
33) 4-Chloroaniline	8.10	127	81138	10.081	ng		99
34) Hexachlorobutadiene	8.16	225	112528	35.690	ng		97
35) Caprolactam	8.47	113	70321m	42.464	ng		
36) 4-Chloro-3-methylphenol	8.59	107	241939	38.657	ng	#	82
37) 2-Methylnaphthalene	8.74	142	460010	39.316	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	184027	35.615	ng	#	97
40) Hexachlorocyclopentadiene	8.89	237	213288	85.922	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	132316	38.142	ng		98
43) 2,4,5-Trichlorophenol	9.06	196	138701	40.302	ng		95
45) 1,1'-Biphenyl	9.20	154	543596	35.405	ng		97
46) 2-Chloronaphthalene	9.23	162	401451	35.388	ng	#	91
47) 2-Nitroaniline	9.33	65	161071	42.353	ng		96
48) Acenaphthylene	9.65	152	666398	37.407	ng		99
49) Dimethylphthalate	9.51	163	474170	38.528	ng		98
50) 2,6-Dinitrotoluene	9.57	165	101285	41.229	ng	#	54
51) Acenaphthene	9.82	154	396295	35.272	ng		97
52) 3-Nitroaniline	9.73	138	51855	16.361	ng		90
53) 2,4-Dinitrophenol	9.85	184	93283	79.848	ng	#	79
54) Dibenzofuran	9.99	168	588636	39.091	ng		99
55) 4-Nitrophenol	9.91	139	186185	73.639	ng	#	44
56) 2,4-Dinitrotoluene	9.97	165	133841	43.413	ng	#	48
57) Fluorene	10.33	166	447477	38.436	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.11	232	113756	42.692	ng		95
59) Diethylphthalate	10.20	149	500795	38.912	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	206857	38.246	ng	#	87
61) 4-Nitroaniline	10.35	138	114816	38.114	ng		74
62) Azobenzene	10.48	77	598536	39.152	ng		92
64) 4,6-Dinitro-2-methylphenol	10.39	198	64023	41.917	ng	#	77
65) n-Nitrosodiphenylamine	10.44	169	406452	35.705	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	125634	36.191	ng		96
67) Hexachlorobenzene	10.88	284	124281	35.125	ng	#	92
68) Atrazine	10.97	200	121074	40.105	ng		97
69) Pentachlorophenol	11.07	266	131804	63.889	ng		97
70) Phenanthrene	11.29	178	663678	37.257	ng		99
71) Anthracene	11.34	178	685229	37.926	ng		100
72) Carbazole	11.50	167	653943	38.130	ng		98
73) Di-n-butylphthalate	11.83	149	770418	39.000	ng		99
74) Fluoranthene	12.47	202	720197	38.735	ng		99
76) Benzidine	12.60	184	155146	17.727	ng	#	90
77) Pyrene	12.70	202	736785	33.748	ng		99
79) Butylbenzylphthalate	13.33	149	331832	39.643	ng	#	78
80) Benzo(a)anthracene	13.89	228	562503	35.160	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	96635	17.900	ng	#	97
82) Chrysene	13.93	228	550759	34.607	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	401947	43.335	ng	#	99
84) Di-n-octyl phthalate	14.49	149	674605	41.800	ng		98
85) Indeno(1,2,3-cd)pyrene	16.71	276	419042	35.793	ng		94
87) Benzo(b)fluoranthene	14.92	252	447938	35.984	ng		98
88) Benzo(k)fluoranthene	14.94	252	452505	38.692	ng	#	94
89) Benzo(a)pyrene	15.26	252	425715	38.631	ng		99
90) Dibenzo(a,h)anthracene	16.72	278	341344	38.047	ng		98
91) Benzo(g,h,i)perylene	17.13	276	362478	38.722	ng	#	93

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

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