Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097812.D
Acq On : 18 Aug 2017 3:59
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 18 05:06:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	124929	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	436827	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	151712	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	251644	20.00	ng		0.00
75) Chrysene-d12	13.93	240	256310	20.00	ng		0.00
86) Perylene-d12	15.36	264	188157	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	696520	84.80	ng		0.00
7) Phenol-d6	6.41	99	917399	82.21	ng		0.00
23) Nitrobenzene-d5	7.35	82	774223	96.28	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	101595	77.18	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	953003	92.29	ng		0.00
78) Terphenyl-d14	12.88	244	870614	70.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	199112	43.470	ng		91
3) Pyridine	3.18	79	562500	44.422	ng		87
4) n-Nitrosodimethylamine	3.13	42	211488	43.406	ng		84
6) Aniline	6.44	93	625365	39.891	ng		98
8) 2-Chlorophenol	6.56	128	357623	41.288	ng		98
9) Benzaldehyde	6.33	77	300840	42.561	ng		88
10) Phenol	6.42	94	547609	41.958	ng		94
11) bis(2-Chloroethyl)ether	6.52	93	399828	40.588	ng		98
12) 1,3-Dichlorobenzene	6.72	146	379546	40.737	ng	#	95
13) 1,4-Dichlorobenzene	6.80	146	378915	39.988	ng		94
14) 1,2-Dichlorobenzene	6.95	146	348215	39.854	ng		99
15) Benzyl Alcohol	6.92	79	334002	39.977	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	513612	38.752	ng		91
17) 2-Methylphenol	7.03	107	304283	39.864	ng		96
18) Hexachloroethane	7.29	117	121909	32.815	ng	#	82
19) n-Nitroso-di-n-propylamine	7.20	70	286672	37.526	ng		88
20) 3+4-Methylphenols	7.19	107	359619	38.573	ng		97
22) Acetophenone	7.19	105	481262	41.704	ng	#	86
24) Nitrobenzene	7.36	77	424734	47.439	ng		94
25) Isophorone	7.60	82	698720	41.789	ng		97
26) 2-Nitrophenol	7.67	139	129779	40.885	ng	#	71
27) 2,4-Dimethylphenol	7.72	122	294253	42.197	ng		94
28) bis(2-Chloroethoxy)methane	7.82	93	464880	42.291	ng		99
29) 2,4-Dichlorophenol	7.92	162	236814	40.911	ng		91
30) 1,2,4-Trichlorobenzene	8.00	180	262612	40.925	ng		99
31) Naphthalene	8.09	128	919637	40.552	ng		99
32) Benzoic acid	7.82	122	170386	35.466	ng	#	81
33) 4-Chloroaniline	8.13	127	383885	40.138	ng		99
34) Hexachlorobutadiene	8.20	225	160851	42.932	ng		98
35) Caprolactam	8.50	113	75390	38.311	ng		97
36) 4-Chloro-3-methylphenol	8.61	107	282194	37.944	ng	#	77
37) 2-Methylnaphthalene	8.77	142	521714	37.524	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	221307	47.532	ng		98
40) Hexachlorocyclopentadiene	8.93	237	13484	6.028	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	140486	44.942	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	135224	43.605	ng		94
45) 1,1'-Biphenyl	9.24	154	630406	45.567	ng		97
46) 2-Chloronaphthalene	9.26	162	452555	44.272	ng	#	93
47) 2-Nitroaniline	9.36	65	184421	53.816	ng		94
48) Acenaphthylene	9.67	152	667289	41.569	ng		100
49) Dimethylphthalate	9.54	163	497591	44.870	ng		100
50) 2,6-Dinitrotoluene	9.60	165	91085	41.148	ng	#	55
51) Acenaphthene	9.85	154	400465	39.556	ng		98
52) 3-Nitroaniline	9.77	138	136797	47.899	ng		94
53) 2,4-Dinitrophenol	9.86	184	2022	11.819	ng	#	41
54) Dibenzofuran	10.02	168	540537	39.838	ng		98
55) 4-Nitrophenol	9.92	139	85459	37.511	ng	#	44
56) 2,4-Dinitrotoluene	10.00	165	104972	37.787	ng	#	49
57) Fluorene	10.36	166	412005	39.274	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	93253	38.839	ng		96
59) Diethylphthalate	10.24	149	478664	41.275	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	197194	40.462	ng		88
61) 4-Nitroaniline	10.37	138	127438	46.949	ng	#	73
62) Azobenzene	10.52	77	523679	38.016	ng		93
64) 4,6-Dinitro-2-methylphenol	10.40	198	3727	10.919	ng		88
65) n-Nitrosodiphenylamine	10.47	169	380871	44.446	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	113674	43.501	ng		95
67) Hexachlorobenzene	10.91	284	117233	44.015	ng		99
68) Atrazine	11.00	200	73062	32.150	ng		98
69) Pentachlorophenol	11.10	266	67000	43.143	ng		98
70) Phenanthrene	11.32	178	566775	42.267	ng		99
71) Anthracene	11.37	178	580969	42.716	ng		98
72) Carbazole	11.53	167	556639	43.117	ng		97
73) Di-n-butylphthalate	11.86	149	645390	43.401	ng		99
74) Fluoranthene	12.51	202	673768	48.139	ng		98
76) Benzidine	12.63	184	308951	36.763	ng	#	93
77) Pyrene	12.73	202	710481	33.892	ng		99
79) Butylbenzylphthalate	13.36	149	310694	38.656	ng	#	78
80) Benzo(a)anthracene	13.92	228	603142	39.263	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	250889	48.400	ng	#	96
82) Chrysene	13.96	228	598476	39.164	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	413330	46.409	ng	#	100
84) Di-n-octyl phthalate	14.53	149	799556	51.596	ng		100
85) Indeno(1,2,3-cd)pyrene	16.76	276	399251	35.516	ng		95
87) Benzo(b)fluoranthene	14.95	252	491242	41.420	ng		99
88) Benzo(k)fluoranthene	14.98	252	500481	44.916	ng	#	95
89) Benzo(a)pyrene	15.30	252	444711	42.356	ng		97
90) Dibenzo(a,h)anthracene	16.78	278	346432	40.529	ng		98
91) Benzo(g,h,i)perylene	17.18	276	337585	37.850	ng		94

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

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