Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100624.D
Acq On : 16 Nov 2017 12:13
Operator : SJ/JU
Sample : PB104287BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104287BS

Manual Integrations APPROVED
SOHIL
11/17/2017 1:24:34 PM

Quant Time: Nov 16 13:17:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 12:15:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	103502	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	409783	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	194762	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	393255	20.00	ng		0.00
75) Chrysene-d12	14.04	240	273919	20.00	ng		0.00
86) Perylene-d12	15.52	264	216029	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	762980	118.17	ng		0.01
7) Phenol-d6	6.51	99	917295	115.21	ng		0.00
23) Nitrobenzene-d5	7.45	82	584368	94.28	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	265687	133.87	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1163125	90.94	ng		0.00
78) Terphenyl-d14	12.99	244	1118381	93.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	110054	34.975	ng		97
3) Pyridine	3.52	79	321155	37.410	ng		96
4) n-Nitrosodimethylamine	3.47	42	145412	34.887	ng	#	97
6) Aniline	6.55	93	282210	25.089	ng		99
8) 2-Chlorophenol	6.67	128	293614	42.985	ng		98
9) Benzaldehyde	6.43	77	118605	20.859	ng		98
10) Phenol	6.53	94	360025	43.073	ng		95
11) bis(2-Chloroethyl)ether	6.62	93	275859	39.292	ng		100
12) 1,3-Dichlorobenzene	6.82	146	330807	42.006	ng		96
13) 1,4-Dichlorobenzene	6.90	146	331678	41.612	ng		98
14) 1,2-Dichlorobenzene	7.05	146	310232	42.096	ng		99
15) Benzyl Alcohol	7.02	79	256226	41.233	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	496320	44.200	ng		98
17) 2-Methylphenol	7.13	107	253509	43.430	ng		98
18) Hexachloroethane	7.39	117	112374	42.759	ng		100
19) n-Nitroso-di-n-propylamine	7.29	70	201925	36.569	ng		94
20) 3+4-Methylphenols	7.28	107	303205	41.048	ng	#	90
22) Acetophenone	7.29	105	394127	39.442	ng	#	98
24) Nitrobenzene	7.46	77	306680	48.073	ng		99
25) Isophorone	7.70	82	566216	43.472	ng		99
26) 2-Nitrophenol	7.78	139	166393	54.775	ng		92
27) 2,4-Dimethylphenol	7.81	122	285075	48.824	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	359732	42.223	ng		99
29) 2,4-Dichlorophenol	8.02	162	263696	47.308	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	270360	44.840	ng		97
31) Naphthalene	8.19	128	853071	43.221	ng		99
32) Benzoic acid	7.91	122	82354	24.194	ng		98
33) 4-Chloroaniline	8.23	127	153040	18.628	ng		99
34) Hexachlorobutadiene	8.30	225	152758	42.611	ng		99
35) Caprolactam	8.60	113	77425m	40.475	ng		
36) 4-Chloro-3-methylphenol	8.71	107	269693	45.050	ng		99
37) 2-Methylnaphthalene	8.87	142	580891	44.330	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	265094	41.041	ng		97
40) Hexachlorocyclopentadiene	9.03	237	280396	92.234	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	197059	48.136	ng		98
43) 2,4,5-Trichlorophenol	9.19	196	202901	47.837	ng		93
45) 1,1'-Biphenyl	9.34	154	700268	41.571	ng		99
46) 2-Chloronaphthalene	9.37	162	555625	45.467	ng		95
47) 2-Nitroaniline	9.46	65	171012	47.397	ng		97
48) Acenaphthylene	9.79	152	861994	42.563	ng		99
49) Dimethylphthalate	9.64	163	653399	43.940	ng		99
50) 2,6-Dinitrotoluene	9.70	165	145986	49.596	ng		90
51) Acenaphthene	9.96	154	545588	44.296	ng		100
52) 3-Nitroaniline	9.87	138	96580	27.786	ng		95
53) 2,4-Dinitrophenol	9.97	184	93363	74.829	ng	#	16
54) Dibenzofuran	10.13	168	755483	43.763	ng		97
55) 4-Nitrophenol	10.03	139	248869	88.179	ng		89
56) 2,4-Dinitrotoluene	10.11	165	195875	52.749	ng	#	88
57) Fluorene	10.47	166	573249	45.330	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	170151	48.947	ng	#	86
59) Diethylphthalate	10.34	149	636311	42.760	ng		97
60) 4-Chlorophenyl-phenylether	10.46	204	276661	44.596	ng		94
61) 4-Nitroaniline	10.49	138	156133	47.373	ng		90
62) Azobenzene	10.62	77	583591	41.639	ng		94
64) 4,6-Dinitro-2-methylphenol	10.52	198	79650	41.522	ng	#	72
65) n-Nitrosodiphenylamine	10.58	169	554367	40.542	ng		96
66) 4-Bromophenyl-phenylether	10.95	248	183092	43.432	ng	#	81
67) Hexachlorobenzene	11.02	284	194447	44.102	ng	#	87
68) Atrazine	11.10	200	180136	43.520	ng		96
69) Pentachlorophenol	11.21	266	204487	64.680	ng		99
70) Phenanthrene	11.43	178	876117	42.313	ng		98
71) Anthracene	11.49	178	908474	43.247	ng		99
72) Carbazole	11.63	167	810702	41.826	ng		99
73) Di-n-butylphthalate	11.96	149	1016225	44.802	ng		99
74) Fluoranthene	12.62	202	934913	42.605	ng		95
76) Benzidine	12.73	184	333048	30.360	ng		98
77) Pyrene	12.85	202	946303	48.464	ng		99
79) Butylbenzylphthalate	13.46	149	410479	51.548	ng		96
80) Benzo(a)anthracene	14.03	228	755073	45.775	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	158999	26.903	ng		98
82) Chrysene	14.07	228	714467	44.728	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	552914	52.793	ng		99
84) Di-n-octyl phthalate	14.63	149	810688	45.058	ng		99
85) Indeno(1,2,3-cd)pyrene	17.00	276	625927	48.446	ng		95
87) Benzo(b)fluoranthene	15.09	252	582832	45.539	ng		98
88) Benzo(k)fluoranthene	15.12	252	540171	44.669	ng	#	97
89) Benzo(a)pyrene	15.46	252	522072	46.012	ng		97
90) Dibenzo(a,h)anthracene	17.02	278	507731	54.717	ng		97
91) Benzo(g,h,i)perylene	17.46	276	548966	60.437	ng		94

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

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