Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103496.D
Acq On : 7 Mar 2018 13:08
Operator : SJ/JU
Sample : PB107108BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107108BS

Manual Integrations APPROVED
Sohil
3/8/2018 4:42:57 PM

Quant Time: Mar 07 14:03:33 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 07 11:40:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	133836	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	566160	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	235072	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	373137	20.00	ng		0.00
75) Chrysene-d12	14.06	240	207473	20.00	ng		0.00
86) Perylene-d12	15.57	264	194098	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	987075	111.55	ng		0.01
7) Phenol-d6	6.51	99	1150046	106.21	ng		0.00
23) Nitrobenzene-d5	7.43	82	754411	76.10	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	192422	96.71	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1069969	76.56	ng		0.00
78) Terphenyl-d14	12.99	244	778490	90.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	142361	30.460	ng		94
3) Pyridine	3.52	79	401713m	32.195	ng		
4) n-Nitrosodimethylamine	3.45	42	194263m	38.604	ng		
6) Aniline	6.53	93	194576	12.451	ng	#	50
8) 2-Chlorophenol	6.66	128	356188	38.747	ng		97
9) Benzaldehyde	6.42	77	117188	14.803	ng		97
10) Phenol	6.52	94	455727	36.254	ng		94
11) bis(2-Chloroethyl)ether	6.60	93	354963	37.206	ng		92
12) 1,3-Dichlorobenzene	6.80	146	365154	34.759	ng		97
13) 1,4-Dichlorobenzene	6.88	146	382458	36.313	ng		98
14) 1,2-Dichlorobenzene	7.03	146	338708	34.876	ng		99
15) Benzyl Alcohol	7.01	79	291349	35.706	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	554305	33.834	ng		65
17) 2-Methylphenol	7.12	107	300897	36.018	ng	#	91
18) Hexachloroethane	7.37	117	126954	33.111	ng		94
19) n-Nitroso-di-n-propylamine	7.27	70	262371	38.933	ng		96
20) 3+4-Methylphenols	7.29	107	398145	39.097	ng	#	77
22) Acetophenone	7.27	105	501474	37.947	ng	#	92
24) Nitrobenzene	7.45	77	407290	37.315	ng		94
25) Isophorone	7.69	82	725017	37.132	ng		97
26) 2-Nitrophenol	7.77	139	184959	35.995	ng		95
27) 2,4-Dimethylphenol	7.80	122	322083	41.008	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	451141	39.299	ng		98
29) 2,4-Dichlorophenol	8.02	162	300671	39.984	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	273016	34.094	ng		99
31) Naphthalene	8.17	128	1039710	37.510	ng		100
32) Benzoic acid	7.93	122	86653	19.643	ng		95
33) 4-Chloroaniline	8.23	127	128417	10.736	ng		98
34) Hexachlorobutadiene	8.27	225	133574	32.033	ng		98
35) Caprolactam	8.60	113	93288	35.298	ng	#	79
36) 4-Chloro-3-methylphenol	8.72	107	317915	37.483	ng		98
37) 2-Methylnaphthalene	8.86	142	622597	34.755	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	237133	36.900	ng		99
40) Hexachlorocyclopentadiene	9.00	237	25526	18.899	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	159387	36.860	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	171254	34.434	ng		99
45) 1,1'-Biphenyl	9.33	154	714380	36.267	ng		99
46) 2-Chloronaphthalene	9.36	162	565544	36.291	ng		98
47) 2-Nitroaniline	9.46	65	215451	37.324	ng		94
48) Acenaphthylene	9.77	152	827884	34.528	ng		100
49) Dimethylphthalate	9.62	163	643801	34.140	ng		99
50) 2,6-Dinitrotoluene	9.70	165	139515	35.254	ng	#	87
51) Acenaphthene	9.94	154	483362	34.572	ng		99
52) 3-Nitroaniline	9.87	138	102446	20.404	ng		97
53) 2,4-Dinitrophenol	10.01	184	15884	19.397	ng	#	24
54) Dibenzofuran	10.12	168	700910	36.520	ng		96
55) 4-Nitrophenol	10.05	139	153164	49.221	ng	#	82
56) 2,4-Dinitrotoluene	10.11	165	168379	33.642	ng	#	74
57) Fluorene	10.46	166	565804	34.606	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	124265	37.194	ng		96
59) Diethylphthalate	10.32	149	636808	35.308	ng		100
60) 4-Chlorophenyl-phenylether	10.45	204	251302	36.246	ng		98
61) 4-Nitroaniline	10.49	138	140983	28.113	ng		96
62) Azobenzene	10.61	77	652037	35.517	ng		98
64) 4,6-Dinitro-2-methylphenol	10.53	198	21491	13.436	ng		95
65) n-Nitrosodiphenylamine	10.57	169	510854	39.320	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	149981	38.586	ng		91
67) Hexachlorobenzene	11.01	284	151267	35.854	ng		99
68) Atrazine	11.10	200	145696	37.310	ng		99
69) Pentachlorophenol	11.22	266	88972	43.615	ng		98
70) Phenanthrene	11.43	178	731046	35.600	ng		99
71) Anthracene	11.48	178	780400	37.061	ng		99
72) Carbazole	11.64	167	724599	34.555	ng		99
73) Di-n-butylphthalate	11.95	149	986577	37.600	ng		99
74) Fluoranthene	12.62	202	677629	32.838	ng		98
76) Benzidine	12.74	184	307989	39.708	ng		96
77) Pyrene	12.86	202	641936	39.685	ng		99
79) Butylbenzylphthalate	13.46	149	351290	41.104	ng		98
80) Benzo(a)anthracene	14.05	228	490465	36.434	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	146835	30.564	ng		99
82) Chrysene	14.09	228	475045	36.344	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	447937	38.840	ng		99
84) Di-n-octyl phthalate	14.63	149	745575	40.012	ng		100
85) Indeno(1,2,3-cd)pyrene	17.12	276	434519	41.991	ng		98
87) Benzo(b)fluoranthene	15.12	252	460348	36.072	ng		98
88) Benzo(k)fluoranthene	15.15	252	435978	36.279	ng		98
89) Benzo(a)pyrene	15.50	252	430331	37.761	ng		97
90) Dibenzo(a,h)anthracene	17.12	278	370647	42.090	ng		98
91) Benzo(g,h,i)perylene	17.58	276	354970	41.244	ng		97

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

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