Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103552.D
Acq On : 9 Mar 2018 11:21
Operator : SJ/JU
Sample : PB107144BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107144BS

Manual Integrations APPROVED
Sohil
3/12/2018 3:50:01 PM

Quant Time: Mar 09 12:52:21 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	120159	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	515640	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	226089	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	404230	20.00	ng		0.00
75) Chrysene-d12	14.06	240	291134	20.00	ng		0.00
86) Perylene-d12	15.57	264	273944	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1432586	180.32	ng		0.02
7) Phenol-d6	6.51	99	1677326	172.54	ng		0.00
23) Nitrobenzene-d5	7.43	82	748946	82.95	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	292795	153.00	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1069103	80.41	ng		0.00
78) Terphenyl-d14	12.99	244	1013496	83.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	192794	45.946	ng		94
3) Pyridine	3.55	79	521065m	46.514	ng		
4) n-Nitrosodimethylamine	3.46	42	249186m	55.155	ng		
6) Aniline	6.53	93	442582	31.544	ng	#	68
8) 2-Chlorophenol	6.66	128	384917	46.638	ng		95
9) Benzaldehyde	6.43	77	136723	20.034	ng		97
10) Phenol	6.52	94	491306	43.533	ng		86
11) bis(2-Chloroethyl)ether	6.60	93	404299	47.200	ng		94
12) 1,3-Dichlorobenzene	6.80	146	408452	43.306	ng		97
13) 1,4-Dichlorobenzene	6.88	146	436593	46.171	ng		99
14) 1,2-Dichlorobenzene	7.03	146	375630	43.080	ng		99
15) Benzyl Alcohol	7.02	79	317214	43.301	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	618260	42.033	ng		67
17) 2-Methylphenol	7.13	107	326981	43.596	ng	#	84
18) Hexachloroethane	7.36	117	155320	45.120	ng		90
19) n-Nitroso-di-n-propylamine	7.27	70	286565	47.363	ng		94
20) 3+4-Methylphenols	7.28	107	429807	47.010	ng	#	54
22) Acetophenone	7.28	105	558042	46.365	ng	#	89
24) Nitrobenzene	7.45	77	460906	46.364	ng		94
25) Isophorone	7.69	82	829772	46.661	ng		96
26) 2-Nitrophenol	7.77	139	222232	47.487	ng		93
27) 2,4-Dimethylphenol	7.80	122	364139	50.904	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	505392	48.338	ng		99
29) 2,4-Dichlorophenol	8.02	162	334537	48.847	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	307510	42.164	ng		98
31) Naphthalene	8.17	128	1106278	43.822	ng		100
32) Benzoic acid	7.95	122	122806	26.721	ng		97
33) 4-Chloroaniline	8.23	127	297334	27.294	ng		97
34) Hexachlorobutadiene	8.27	225	152346	40.114	ng		99
35) Caprolactam	8.61	113	111473	46.312	ng	#	81
36) 4-Chloro-3-methylphenol	8.72	107	373525	48.354	ng		97
37) 2-Methylnaphthalene	8.86	142	728022	44.622	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	269180	43.551	ng		98
40) Hexachlorocyclopentadiene	9.00	237	106318	52.264	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	178090	42.821	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	192615	40.268	ng		96
45) 1,1'-Biphenyl	9.32	154	823738	43.480	ng		98
46) 2-Chloronaphthalene	9.36	162	662539	44.204	ng		98
47) 2-Nitroaniline	9.46	65	274312	49.409	ng		88
48) Acenaphthylene	9.77	152	983826	42.662	ng		100
49) Dimethylphthalate	9.62	163	734538	40.499	ng		99
50) 2,6-Dinitrotoluene	9.70	165	165317	43.434	ng	#	69
51) Acenaphthene	9.94	154	580328	43.157	ng		100
52) 3-Nitroaniline	9.87	138	159841	33.101	ng		96
53) 2,4-Dinitrophenol	10.00	184	88867	66.486	ng	#	20
54) Dibenzofuran	10.12	168	824954	44.690	ng		95
55) 4-Nitrophenol	10.06	139	157204	52.526	ng	#	83
56) 2,4-Dinitrotoluene	10.12	165	202978	42.166	ng	#	72
57) Fluorene	10.46	166	679363	43.203	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	142496	44.346	ng		96
59) Diethylphthalate	10.32	149	758702	43.737	ng		100
60) 4-Chlorophenyl-phenylether	10.45	204	298656	44.787	ng		99
61) 4-Nitroaniline	10.50	138	210778	43.700	ng		98
62) Azobenzene	10.60	77	836791	47.391	ng		93
64) 4,6-Dinitro-2-methylphenol	10.53	198	83475	35.388	ng		91
65) n-Nitrosodiphenylamine	10.57	169	608807	43.255	ng		100
66) 4-Bromophenyl-phenylether	10.93	248	171937	40.832	ng		98
67) Hexachlorobenzene	11.01	284	181520	39.716	ng		98
68) Atrazine	11.10	200	181492	42.902	ng		98
69) Pentachlorophenol	11.22	266	118708	53.716	ng		97
70) Phenanthrene	11.43	178	949140	42.666	ng		99
71) Anthracene	11.48	178	1025035	44.934	ng		100
72) Carbazole	11.64	167	1012605	44.575	ng		99
73) Di-n-butylphthalate	11.95	149	1212832	42.667	ng		99
74) Fluoranthene	12.62	202	975321	43.629	ng		99
76) Benzidine	12.75	184	532193	48.896	ng		98
77) Pyrene	12.86	202	991387	43.676	ng		99
79) Butylbenzylphthalate	13.45	149	539367	44.975	ng		94
80) Benzo(a)anthracene	14.05	228	823314	43.585	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	210033	31.156	ng		99
82) Chrysene	14.09	228	817348	44.563	ng		100
83) Bis(2-ethylhexyl)phthalate	14.00	149	662866	40.959	ng	#	99
84) Di-n-octyl phthalate	14.63	149	1226769	46.917	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	642960	44.279	ng		97
87) Benzo(b)fluoranthene	15.13	252	743538	41.281	ng		97
88) Benzo(k)fluoranthene	15.16	252	741335	43.709	ng		99
89) Benzo(a)pyrene	15.51	252	702916	43.702	ng		98
90) Dibenzo(a,h)anthracene	17.12	278	538641	43.339	ng		97
91) Benzo(g,h,i)perylene	17.58	276	554827	45.676	ng		95

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

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