Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032218\
Data File : BF103848.D
Acq On : 22 Mar 2018 13:41
Operator : JU/SJ
Sample : PB107541BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107541BS

Manual Integrations APPROVED
Sohil
3/23/2018 2:46:26 PM

Quant Time: Mar 22 17:06:51 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 22 11:56:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	140605	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	579636	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	276473	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	505701	20.00	ng		0.00
75) Chrysene-d12	14.16	240	343354	20.00	ng		0.00
86) Perylene-d12	15.70	264	290694	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	733324	79.33	ng		0.00
7) Phenol-d6	6.59	99	914087	80.82	ng		0.00
23) Nitrobenzene-d5	7.53	82	789446	94.98	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	246600	103.74	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1412344	81.49	ng		0.00
78) Terphenyl-d14	13.10	244	1370727	92.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	147916	32.495	ng		90
3) Pyridine	3.65	79	421341	33.653	ng		86
4) n-Nitrosodimethylamine	3.61	42	167351	36.252	ng		81
6) Aniline	6.63	93	241573	14.959	ng		97
8) 2-Chlorophenol	6.76	128	406625	41.990	ng		95
9) Benzaldehyde	6.52	77	115236	15.509	ng		95
10) Phenol	6.60	94	489539	40.734	ng		97
11) bis(2-Chloroethyl)ether	6.70	93	379879	38.291	ng		96
12) 1,3-Dichlorobenzene	6.91	146	410446	37.214	ng		98
13) 1,4-Dichlorobenzene	6.99	146	420533	37.944	ng		97
14) 1,2-Dichlorobenzene	7.15	146	387980	37.725	ng		97
15) Benzyl Alcohol	7.11	79	345886	39.472	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	503035	35.649	ng		94
17) 2-Methylphenol	7.22	107	340992	39.541	ng		97
18) Hexachloroethane	7.48	117	151727	38.919	ng		94
19) n-Nitroso-di-n-propylamine	7.38	70	262719	36.247	ng		92
20) 3+4-Methylphenols	7.37	107	422566	38.611	ng	#	88
22) Acetophenone	7.38	105	525005	35.242	ng	#	93
24) Nitrobenzene	7.56	77	413705	42.396	ng		93
25) Isophorone	7.79	82	765994	39.810	ng		99
26) 2-Nitrophenol	7.87	139	219001	56.826	ng		93
27) 2,4-Dimethylphenol	7.90	122	379434	46.031	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	490433	42.092	ng		99
29) 2,4-Dichlorophenol	8.10	162	336630	44.887	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	334868	38.499	ng		99
31) Naphthalene	8.28	128	1129732	38.584	ng		100
32) Benzoic acid	8.01	122	241634	42.877	ng		97
33) 4-Chloroaniline	8.32	127	63452	5.165	ng		97
34) Hexachlorobutadiene	8.39	225	176943	37.103	ng		98
35) Caprolactam	8.70	113	115382m	44.681	ng		
36) 4-Chloro-3-methylphenol	8.80	107	371501	44.935	ng		99
37) 2-Methylnaphthalene	8.97	142	760419	40.953	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	317960	40.312	ng		99
40) Hexachlorocyclopentadiene	9.12	237	304221	74.748	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	235319	46.644	ng		100
43) 2,4,5-Trichlorophenol	9.29	196	249733	43.857	ng		96
45) 1,1'-Biphenyl	9.43	154	885642	38.416	ng		99
46) 2-Chloronaphthalene	9.46	162	712905	38.934	ng		97
47) 2-Nitroaniline	9.55	65	222462	46.663	ng		97
48) Acenaphthylene	9.88	152	1108913	39.054	ng		99
49) Dimethylphthalate	9.73	163	863933	40.957	ng		99
50) 2,6-Dinitrotoluene	9.80	165	197541	48.378	ng	#	84
51) Acenaphthene	10.05	154	726671	43.101	ng		99
52) 3-Nitroaniline	9.96	138	68626	16.732	ng		96
53) 2,4-Dinitrophenol	10.07	184	150407	99.937	ng	#	18
54) Dibenzofuran	10.22	168	989138	41.078	ng		100
55) 4-Nitrophenol	10.12	139	349627	89.879	ng		95
56) 2,4-Dinitrotoluene	10.20	165	262606	50.437	ng		90
57) Fluorene	10.57	166	760411	40.697	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	201993	50.062	ng		94
59) Diethylphthalate	10.43	149	836680	39.964	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	355664	41.651	ng		100
61) 4-Nitroaniline	10.59	138	194663	41.878	ng		89
62) Azobenzene	10.72	77	807397	37.933	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	104934	53.457	ng		82
65) n-Nitrosodiphenylamine	10.67	169	694728	40.360	ng		100
66) 4-Bromophenyl-phenylether	11.05	248	225154	43.364	ng		92
67) Hexachlorobenzene	11.12	284	242273	40.882	ng	#	90
68) Atrazine	11.20	200	230757	43.337	ng		99
69) Pentachlorophenol	11.31	266	245919	72.181	ng		96
70) Phenanthrene	11.53	178	1102432	39.852	ng		99
71) Anthracene	11.59	178	1139323	40.551	ng		100
72) Carbazole	11.74	167	1065872	39.031	ng		100
73) Di-n-butylphthalate	12.06	149	1336622	40.792	ng		100
74) Fluoranthene	12.73	202	1136469	39.877	ng		99
76) Benzidine	12.85	184	346613	23.669	ng		98
77) Pyrene	12.96	202	1132450	44.911	ng		100
79) Butylbenzylphthalate	13.56	149	555085	49.686	ng		97
80) Benzo(a)anthracene	14.15	228	903247	41.559	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	141655	19.485	ng		98
82) Chrysene	14.19	228	840169	40.552	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	778952	48.807	ng		99
84) Di-n-octyl phthalate	14.74	149	1223997	52.716	ng		95
85) Indeno(1,2,3-cd)pyrene	17.29	276	842700	46.576	ng		98
87) Benzo(b)fluoranthene	15.24	252	760286	41.398	ng		96
88) Benzo(k)fluoranthene	15.27	252	701758	39.751	ng		99
89) Benzo(a)pyrene	15.63	252	712648	42.782	ng		98
90) Dibenzo(a,h)anthracene	17.30	278	694802	48.171	ng		99
91) Benzo(g,h,i)perylene	17.76	276	702671	50.076	ng		97

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

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