Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102349.D
Acq On : 23 Jan 2018 18:35
Operator : SJ/JU
Sample : PB105888BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105888BS

Manual Integrations APPROVED
Sohil
1/24/2018 2:46:55 PM

Quant Time: Jan 24 01:20:52 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	122219	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	520891	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	237420	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	435978	20.00	ng		0.00
75) Chrysene-d12	13.88	240	367327	20.00	ng		0.00
86) Perylene-d12	15.30	264	291753	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	844710	104.80	ng		0.01
7) Phenol-d6	6.36	99	1026559	105.64	ng		0.00
23) Nitrobenzene-d5	7.28	82	643276	70.97	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	235386	100.06	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1206300	74.71	ng		0.00
78) Terphenyl-d14	12.83	244	1190744	73.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	119532	31.211	ng		99
3) Pyridine	3.15	79	333628	33.335	ng		94
4) n-Nitrosodimethylamine	3.10	42	161968	41.279	ng		97
6) Aniline	6.38	93	208383	16.212	ng	#	11
8) 2-Chlorophenol	6.50	128	320812	37.968	ng		96
9) Benzaldehyde	6.26	77	171439	29.058	ng		95
10) Phenol	6.37	94	383189	36.119	ng		86
11) bis(2-Chloroethyl)ether	6.46	93	293106	36.325	ng		98
12) 1,3-Dichlorobenzene	6.65	146	346356	34.466	ng		98
13) 1,4-Dichlorobenzene	6.73	146	346782	34.450	ng		98
14) 1,2-Dichlorobenzene	6.89	146	324207	35.211	ng		98
15) Benzyl Alcohol	6.86	79	256790	37.452	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	476653	35.221	ng		88
17) 2-Methylphenol	6.98	107	268602	36.602	ng		97
18) Hexachloroethane	7.22	117	122832	35.017	ng		95
19) n-Nitroso-di-n-propylamine	7.13	70	214921	36.140	ng		98
20) 3+4-Methylphenols	7.13	107	336050	38.937	ng	#	81
22) Acetophenone	7.13	105	439679	35.409	ng		94
24) Nitrobenzene	7.30	77	329408	35.512	ng		95
25) Isophorone	7.54	82	601187	37.204	ng		99
26) 2-Nitrophenol	7.62	139	182957	37.475	ng		95
27) 2,4-Dimethylphenol	7.66	122	290424	40.968	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	384804	38.549	ng		98
29) 2,4-Dichlorophenol	7.86	162	278059	38.507	ng		98
30) 1,2,4-Trichlorobenzene	7.94	180	260731	33.683	ng		98
31) Naphthalene	8.02	128	911760	35.058	ng		100
32) Benzoic acid	7.80	122	210634	35.464	ng		97
33) 4-Chloroaniline	8.07	127	117039	10.702	ng		96
34) Hexachlorobutadiene	8.13	225	134800	32.606	ng		99
35) Caprolactam	8.45	113	97526m	40.894	ng		
36) 4-Chloro-3-methylphenol	8.57	107	301719	39.640	ng		97
37) 2-Methylnaphthalene	8.71	142	630793	36.420	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	243142	34.039	ng		98
40) Hexachlorocyclopentadiene	8.86	237	243621	76.211	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	181781	38.016	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	195971	36.399	ng		96
45) 1,1'-Biphenyl	9.17	154	740677	34.890	ng		99
46) 2-Chloronaphthalene	9.20	162	575059	34.849	ng		99
47) 2-Nitroaniline	9.30	65	195630	38.027	ng		97
48) Acenaphthylene	9.62	152	898587	34.954	ng		99
49) Dimethylphthalate	9.48	163	694259	35.378	ng		100
50) 2,6-Dinitrotoluene	9.55	165	157033	37.115	ng		97
51) Acenaphthene	9.79	154	517025	34.436	ng		100
52) 3-Nitroaniline	9.72	138	97045	19.389	ng		88
53) 2,4-Dinitrophenol	9.83	184	161822	85.001	ng	#	22
54) Dibenzofuran	9.96	168	783331	38.550	ng		99
55) 4-Nitrophenol	9.89	139	266407	80.633	ng		94
56) 2,4-Dinitrotoluene	9.95	165	202430	38.906	ng		94
57) Fluorene	10.30	166	608761	37.808	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	155873	40.549	ng		97
59) Diethylphthalate	10.18	149	716333	37.563	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	263554	37.754	ng		98
61) 4-Nitroaniline	10.33	138	178257	35.691	ng		91
62) Azobenzene	10.46	77	642037	36.773	ng		95
64) 4,6-Dinitro-2-methylphenol	10.36	198	99918	34.352	ng		80
65) n-Nitrosodiphenylamine	10.42	169	563821	35.234	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	166020	35.374	ng		98
67) Hexachlorobenzene	10.85	284	167525	31.916	ng		99
68) Atrazine	10.95	200	180972	38.292	ng		98
69) Pentachlorophenol	11.05	266	189891	68.868	ng		98
70) Phenanthrene	11.26	178	900891	35.461	ng		99
71) Anthracene	11.32	178	937814	36.166	ng		99
72) Carbazole	11.47	167	908199	35.900	ng		99
73) Di-n-butylphthalate	11.80	149	1138747	36.012	ng		99
74) Fluoranthene	12.45	202	954674	36.850	ng		98
76) Benzidine	12.57	184	347035	28.123	ng		98
77) Pyrene	12.68	202	967062	34.051	ng		100
79) Butylbenzylphthalate	13.30	149	497620	35.208	ng		99
80) Benzo(a)anthracene	13.87	228	802456	35.483	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	212808	25.652	ng		99
82) Chrysene	13.90	228	789821	34.392	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	682291	35.921	ng		99
84) Di-n-octyl phthalate	14.47	149	1126219	36.460	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	573151	30.219	ng		98
87) Benzo(b)fluoranthene	14.89	252	750615	39.694	ng		97
88) Benzo(k)fluoranthene	14.92	252	631973	35.373	ng		99
89) Benzo(a)pyrene	15.24	252	648005	37.996	ng		99
90) Dibenzo(a,h)anthracene	16.70	278	468267	33.895	ng		98
91) Benzo(g,h,i)perylene	17.11	276	484114	35.490	ng		99

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

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