Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100907.D
Acq On : 27 Nov 2017 22:53
Operator : SJ/JU
Sample : PB104511BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104511BS

Manual Integrations APPROVED
Sohil
11/28/2017 2:46:35 PM

Quant Time: Nov 28 02:30:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 14:11:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	59600	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	231580	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	107016	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	191006	20.00	ng		0.00
75) Chrysene-d12	14.03	240	131990	20.00	ng		0.00
86) Perylene-d12	15.49	264	119757	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	285295	76.73	ng		0.01
7) Phenol-d6	6.49	99	344459	75.13	ng		0.00
23) Nitrobenzene-d5	7.43	82	320688	91.55	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	94814	86.95	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	674410	95.96	ng		0.00
78) Terphenyl-d14	12.97	244	510259	88.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	60562	33.424	ng		97
3) Pyridine	3.47	79	171800	34.754	ng		97
4) n-Nitrosodimethylamine	3.43	42	81609	34.002	ng		96
6) Aniline	6.52	93	120239	18.563	ng		99
8) 2-Chlorophenol	6.65	128	172471	43.848	ng		98
9) Benzaldehyde	6.41	77	45930	14.028	ng		93
10) Phenol	6.50	94	200999	41.761	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	151863	37.564	ng		97
12) 1,3-Dichlorobenzene	6.80	146	196121	43.248	ng		99
13) 1,4-Dichlorobenzene	6.87	146	197412	43.011	ng		98
14) 1,2-Dichlorobenzene	7.03	146	185993	43.828	ng		98
15) Benzyl Alcohol	7.00	79	144384	40.350	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	255453	39.507	ng		99
17) 2-Methylphenol	7.11	107	142198	42.305	ng		98
18) Hexachloroethane	7.37	117	57286	37.854	ng		94
19) n-Nitroso-di-n-propylamine	7.27	70	113580	35.721	ng		93
20) 3+4-Methylphenols	7.26	107	175922	41.359	ng	#	76
22) Acetophenone	7.27	105	225292	39.896	ng	#	90
24) Nitrobenzene	7.45	77	170919	47.409	ng		94
25) Isophorone	7.68	82	308503	41.912	ng		97
26) 2-Nitrophenol	7.76	139	88122	51.670	ng		96
27) 2,4-Dimethylphenol	7.79	122	153640	46.562	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	194983	40.497	ng		99
29) 2,4-Dichlorophenol	8.00	162	151571	48.117	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	158384	46.482	ng		96
31) Naphthalene	8.16	128	491083	44.027	ng		99
32) Benzoic acid	7.92	122	95319	39.730	ng		97
33) 4-Chloroaniline	8.21	127	73027	15.729	ng		97
34) Hexachlorobutadiene	8.27	225	93094	45.951	ng		97
35) Caprolactam	8.59	113	42274	39.105	ng		96
36) 4-Chloro-3-methylphenol	8.70	107	149970	44.328	ng		96
37) 2-Methylnaphthalene	8.86	142	339972	45.910	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	161507	45.505	ng	#	97
40) Hexachlorocyclopentadiene	9.00	237	58368	34.942	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	107330	47.715 ng		98
43) 2,4,5-Trichlorophenol	9.18	196	114625	49.183 ng	#	89
45) 1,1'-Biphenyl	9.32	154	406431	43.911 ng		98
46) 2-Chloronaphthalene	9.35	162	315281	46.954 ng		96
47) 2-Nitroaniline	9.44	65	91389	46.173 ng		98
48) Acenaphthylene	9.76	152	490956	44.119 ng		99
49) Dimethylphthalate	9.62	163	378512	46.325 ng		99
50) 2,6-Dinitrotoluene	9.68	165	80420	49.723 ng		96
51) Acenaphthene	9.93	154	283438	41.881 ng		100
52) 3-Nitroaniline	9.85	138	50602	26.495 ng		94
53) 2,4-Dinitrophenol	9.96	184	32858m	55.393 ng		
54) Dibenzofuran	10.10	168	423701	44.669 ng		99
55) 4-Nitrophenol	10.02	139	108419	69.912 ng		93
56) 2,4-Dinitrotoluene	10.09	165	106088	51.995 ng	#	94
57) Fluorene	10.45	166	330996	47.634 ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	90255	47.252 ng	#	83
59) Diethylphthalate	10.32	149	361537	44.216 ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	165308	48.495 ng		93
61) 4-Nitroaniline	10.47	138	68496	37.823 ng		84
62) Azobenzene	10.60	77	302555	39.287 ng		93
64) 4,6-Dinitro-2-methylphenol	10.50	198	27208	31.745 ng	#	71
65) n-Nitrosodiphenylamine	10.56	169	305750	46.037 ng		95
66) 4-Bromophenyl-phenylether	10.93	248	101944	49.788 ng	#	84
67) Hexachlorobenzene	10.99	284	104312	48.710 ng	#	90
68) Atrazine	11.08	200	95112	47.310 ng		97
69) Pentachlorophenol	11.19	266	98046	63.850 ng		99
70) Phenanthrene	11.41	178	453208	45.065 ng		98
71) Anthracene	11.46	178	463841	45.461 ng		98
72) Carbazole	11.62	167	390947	41.526 ng		99
73) Di-n-butylphthalate	11.94	149	522871	47.460 ng		99
74) Fluoranthene	12.60	202	439923	41.275 ng		96
76) Benzidine	12.72	184	173724	32.865 ng		97
77) Pyrene	12.83	202	433395	46.063 ng		99
79) Butylbenzylphthalate	13.44	149	187095	48.760 ng	#	89
80) Benzo(a)anthracene	14.02	228	369781	46.523 ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	112564	39.527 ng	#	95
82) Chrysene	14.05	228	349545	45.414 ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	254574	50.444 ng		99
84) Di-n-octyl phthalate	14.60	149	402701	46.449 ng		98
85) Indeno(1,2,3-cd)pyrene	16.97	276	280590	45.070 ng	#	93
87) Benzo(b)fluoranthene	15.06	252	341199	48.090 ng		99
88) Benzo(k)fluoranthene	15.09	252	300470	44.821 ng		97
89) Benzo(a)pyrene	15.43	252	291929	46.412 ng		98
90) Dibenzo(a,h)anthracene	16.99	278	235901	45.860 ng	#	95
91) Benzo(g,h,i)perylene	17.42	276	226537	44.989 ng		93

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

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