Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100924.D
Acq On : 28 Nov 2017 10:55
Operator : SJ/JU
Sample : PB104527BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104527BS

Manual Integrations APPROVED
Sohil
11/29/2017 4:28:21 PM

Quant Time: Nov 28 15:31:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	61691	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	251549	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	121223	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	248216	20.00	ng		0.00
75) Chrysene-d12	14.03	240	179907	20.00	ng		0.00
86) Perylene-d12	15.49	264	139247	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	511035	132.79	ng		0.02
7) Phenol-d6	6.50	99	632331	133.24	ng		0.00
23) Nitrobenzene-d5	7.43	82	396253	104.15	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	200908	162.64	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	868064	109.04	ng		0.00
78) Terphenyl-d14	12.97	244	913775	116.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	65045	34.681	ng		95
3) Pyridine	3.48	79	189536	37.042	ng		94
4) n-Nitrosodimethylamine	3.43	42	98314	39.574	ng		92
6) Aniline	6.53	93	168107	25.074	ng		99
8) 2-Chlorophenol	6.65	128	207332	50.925	ng		94
9) Benzaldehyde	6.41	77	100003	29.507	ng		95
10) Phenol	6.51	94	243665	48.909	ng		93
11) bis(2-Chloroethyl)ether	6.60	93	179525	42.901	ng		97
12) 1,3-Dichlorobenzene	6.80	146	231828	49.389	ng		98
13) 1,4-Dichlorobenzene	6.87	146	236085	49.693	ng		98
14) 1,2-Dichlorobenzene	7.03	146	222384	50.627	ng		98
15) Benzyl Alcohol	7.00	79	182094	49.164	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	312397	46.676	ng		99
17) 2-Methylphenol	7.12	107	175830	50.537	ng		97
18) Hexachloroethane	7.37	117	77499	49.475	ng		90
19) n-Nitroso-di-n-propylamine	7.27	70	141595	43.023	ng		94
20) 3+4-Methylphenols	7.27	107	216653	49.209	ng	#	76
22) Acetophenone	7.27	105	270453	44.091	ng	#	86
24) Nitrobenzene	7.45	77	212559	54.278	ng		98
25) Isophorone	7.68	82	388222	48.555	ng		99
26) 2-Nitrophenol	7.76	139	117042	61.981	ng		97
27) 2,4-Dimethylphenol	7.80	122	200960	56.068	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	245610	46.962	ng		100
29) 2,4-Dichlorophenol	8.00	162	192106	56.144	ng		95
30) 1,2,4-Trichlorobenzene	8.08	180	194729	52.612	ng		96
31) Naphthalene	8.16	128	609796	50.330	ng		99
32) Benzoic acid	7.93	122	138152	49.879	ng		98
33) 4-Chloroaniline	8.21	127	65074	12.903	ng		96
34) Hexachlorobutadiene	8.27	225	113299	51.485	ng		98
35) Caprolactam	8.60	113	61107m	52.039	ng		
36) 4-Chloro-3-methylphenol	8.70	107	198782	54.092	ng		95
37) 2-Methylnaphthalene	8.86	142	421988	52.461	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	193114	48.034	ng		97
40) Hexachlorocyclopentadiene	9.00	237	215575	113.930	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	145141	56.962	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	151306	57.314	ng	#	89
45) 1,1'-Biphenyl	9.32	154	509299	48.576	ng		97
46) 2-Chloronaphthalene	9.35	162	407543	53.581	ng		96
47) 2-Nitroaniline	9.45	65	122534	54.142	ng		97
48) Acenaphthylene	9.76	152	633677	50.271	ng		99
49) Dimethylphthalate	9.62	163	496794	53.675	ng		99
50) 2,6-Dinitrotoluene	9.69	165	110285	60.197	ng		91
51) Acenaphthene	9.93	154	372298	48.564	ng		99
52) 3-Nitroaniline	9.85	138	61900	28.612	ng		99
53) 2,4-Dinitrophenol	9.97	184	118841	119.638	ng	#	15
54) Dibenzofuran	10.11	168	556958	51.836	ng		98
55) 4-Nitrophenol	10.03	139	172165	98.007	ng		93
56) 2,4-Dinitrotoluene	10.09	165	145420	62.919	ng	#	96
57) Fluorene	10.45	166	446661	56.746	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	130615	60.368	ng	#	85
59) Diethylphthalate	10.32	149	475814	51.372	ng		97
60) 4-Chlorophenyl-phenylether	10.44	204	215200	55.732	ng		91
61) 4-Nitroaniline	10.48	138	116528	56.805	ng		89
62) Azobenzene	10.60	77	418884	48.018	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	77080	59.092	ng		76
65) n-Nitrosodiphenylamine	10.56	169	424108	49.139	ng		96
66) 4-Bromophenyl-phenylether	10.93	248	143608	53.971	ng	#	87
67) Hexachlorobenzene	11.00	284	148812	53.473	ng	#	83
68) Atrazine	11.09	200	142777	54.651	ng		98
69) Pentachlorophenol	11.19	266	168350	84.364	ng		98
70) Phenanthrene	11.42	178	676961	51.799	ng		98
71) Anthracene	11.46	178	701233	52.887	ng		100
72) Carbazole	11.62	167	622418	50.875	ng		99
73) Di-n-butylphthalate	11.94	149	761503	53.189	ng		99
74) Fluoranthene	12.60	202	728727	52.613	ng		97
76) Benzidine	12.72	184	247304	34.325	ng		98
77) Pyrene	12.83	202	738185	57.561	ng		99
79) Butylbenzylphthalate	13.44	149	308035	58.898	ng		94
80) Benzo(a)anthracene	14.02	228	601593	55.529	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	127987	32.972	ng		97
82) Chrysene	14.06	228	563577	53.719	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	404954	58.871	ng		99
84) Di-n-octyl phthalate	14.60	149	585281	49.528	ng		98
85) Indeno(1,2,3-cd)pyrene	16.98	276	464384	54.725	ng	#	93
87) Benzo(b)fluoranthene	15.07	252	450349	54.590	ng		98
88) Benzo(k)fluoranthene	15.10	252	406231	52.116	ng	#	95
89) Benzo(a)pyrene	15.43	252	397617	54.367	ng		98
90) Dibenzo(a,h)anthracene	16.99	278	385354	64.428	ng	#	96
91) Benzo(g,h,i)perylene	17.43	276	404805	69.140	ng	#	93

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

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