Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100003.D
Acq On : 31 Oct 2017 15:24
Operator : SJ/JU
Sample : PB103743BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103743BS

Manual Integrations APPROVED
Sohil
11/1/2017 2:37:41 PM

Quant Time: Nov 01 04:30:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	85068	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	361496	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	180185	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	338120	20.00	ng		0.00
75) Chrysene-d12	13.98	240	253658	20.00	ng		0.00
86) Perylene-d12	15.47	264	224289	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	605936	111.83	ng		0.01
7) Phenol-d6	6.44	99	709408	110.42	ng		0.00
23) Nitrobenzene-d5	7.36	82	409070	72.85	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	180400	109.86	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	886290	75.89	ng		0.00
78) Terphenyl-d14	12.91	244	841929	72.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	76057	31.786	ng	#	90
3) Pyridine	3.36	79	176878	30.740	ng		88
4) n-Nitrosodimethylamine	3.30	42	71978	35.015	ng	#	67
6) Aniline	6.46	93	130591	15.676	ng	#	90
8) 2-Chlorophenol	6.58	128	231174	40.031	ng		90
9) Benzaldehyde	6.35	77	93275	24.295	ng		93
10) Phenol	6.45	94	271134	38.437	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	206101	37.836	ng		92
12) 1,3-Dichlorobenzene	6.73	146	244358	37.685	ng	#	95
13) 1,4-Dichlorobenzene	6.80	146	248363	37.740	ng		97
14) 1,2-Dichlorobenzene	6.96	146	227622	37.951	ng		95
15) Benzyl Alcohol	6.94	79	159964	39.150	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	256225	42.344	ng	#	19
17) 2-Methylphenol	7.05	107	186756	38.661	ng	#	94
18) Hexachloroethane	7.29	117	82596	37.620	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	142017	37.720	ng		91
20) 3+4-Methylphenols	7.21	107	245337	43.618	ng	#	77
22) Acetophenone	7.20	105	300392	36.495	ng	#	94
24) Nitrobenzene	7.38	77	212421	37.546	ng	#	88
25) Isophorone	7.61	82	413290	40.563	ng		98
26) 2-Nitrophenol	7.69	139	130559	40.291	ng	#	87
27) 2,4-Dimethylphenol	7.73	122	212465	44.500	ng		92
28) bis(2-Chloroethoxy)methane	7.82	93	273843	38.377	ng		99
29) 2,4-Dichlorophenol	7.94	162	209639	42.268	ng		96
30) 1,2,4-Trichlorobenzene	8.01	180	198385	37.435	ng		100
31) Naphthalene	8.09	128	660880	37.873	ng		99
32) Benzoic acid	7.89	122	102302	24.343	ng		90
33) 4-Chloroaniline	8.16	127	74766	10.376	ng	#	94
34) Hexachlorobutadiene	8.20	225	100831	36.991	ng		99
35) Caprolactam	8.54	113	66327m	42.524	ng		
36) 4-Chloro-3-methylphenol	8.65	107	206848	40.860	ng		94
37) 2-Methylnaphthalene	8.79	142	473749	40.513	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	195528	33.599	ng		98
40) Hexachlorocyclopentadiene	8.93	237	61540	56.810	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	132577	37.663	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	137611	36.839	ng	#	93
45) 1,1'-Biphenyl	9.25	154	568403	34.871	ng		98
46) 2-Chloronaphthalene	9.27	162	443179	37.437	ng		96
47) 2-Nitroaniline	9.39	65	118222	38.051	ng		86
48) Acenaphthylene	9.69	152	660630	36.233	ng		99
49) Dimethylphthalate	9.55	163	528442	37.034	ng		100
50) 2,6-Dinitrotoluene	9.63	165	118364	39.458	ng	#	86
51) Acenaphthene	9.86	154	402654	36.143	ng		98
52) 3-Nitroaniline	9.80	138	52637	14.892	ng		82
53) 2,4-Dinitrophenol	9.93	184	42872	39.353	ng		90
54) Dibenzofuran	10.03	168	608422	38.690	ng		98
55) 4-Nitrophenol	9.99	139	100705	54.530	ng	#	80
56) 2,4-Dinitrotoluene	10.05	165	152722	42.276	ng	#	74
57) Fluorene	10.38	166	488316	37.504	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	110734	42.279	ng		90
59) Diethylphthalate	10.25	149	527783	37.876	ng		97
60) 4-Chlorophenyl-phenylether	10.36	204	230840	37.671	ng		95
61) 4-Nitroaniline	10.43	138	113285	33.594	ng	#	80
62) Azobenzene	10.53	77	446999	38.267	ng		90
64) 4,6-Dinitro-2-methylphenol	10.46	198	53779	25.303	ng	#	78
65) n-Nitrosodiphenylamine	10.49	169	444228	35.591	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	136270	38.283	ng		89
67) Hexachlorobenzene	10.93	284	136434	37.465	ng	#	90
68) Atrazine	11.02	200	140979	37.602	ng		98
69) Pentachlorophenol	11.13	266	88466	56.852	ng		97
70) Phenanthrene	11.35	178	711843	37.305	ng		99
71) Anthracene	11.40	178	739829	38.196	ng		99
72) Carbazole	11.56	167	671111	36.845	ng		98
73) Di-n-butylphthalate	11.87	149	849232	36.554	ng	#	98
74) Fluoranthene	12.55	202	742152	37.425	ng		96
76) Benzidine	12.67	184	245940	22.158	ng		97
77) Pyrene	12.77	202	753940	39.089	ng		99
79) Butylbenzylphthalate	13.37	149	362877	38.206	ng		90
80) Benzo(a)anthracene	13.97	228	604476	37.591	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	123532	21.163	ng	#	98
82) Chrysene	14.01	228	582206	38.512	ng		98
83) Bis(2-ethylhexyl)phthalate	13.93	149	486294	36.459	ng		98
84) Di-n-octyl phthalate	14.56	149	843804	36.859	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.96	276	440649	31.751	ng		97
87) Benzo(b)fluoranthene	15.04	252	534217	37.720	ng		98
88) Benzo(k)fluoranthene	15.07	252	532896	39.902	ng		99
89) Benzo(a)pyrene	15.41	252	497343	39.093	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	372233	32.928	ng		98
91) Benzo(g,h,i)perylene	17.40	276	363463	32.864	ng		98

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

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