Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104493.D
Acq On : 13 Apr 2018 21:48
Operator : JU/SJ
Sample : PB108218BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108218BS

Manual Integrations APPROVED
Sohil
4/16/2018 3:10:28 PM

Quant Time: Apr 14 00:09:31 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128043	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	502261	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	213055	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	319008	20.00	ng		0.00
75) Chrysene-d12	13.99	240	226042	20.00	ng		0.00
86) Perylene-d12	15.45	264	159978	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	648292	77.42	ng		0.02
7) Phenol-d6	6.46	99	788925	76.68	ng		0.01
23) Nitrobenzene-d5	7.38	82	725150	94.28	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	161785	73.20	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1222085	90.61	ng		0.00
78) Terphenyl-d14	12.93	244	823688	83.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	140905	36.112	ng		89
3) Pyridine	3.35	79	396941	36.183	ng		89
4) n-Nitrosodimethylamine	3.32	42	171003	44.591	ng		80
6) Aniline	6.47	93	275145	19.248	ng	#	1
8) 2-Chlorophenol	6.60	128	410780	46.476	ng		95
9) Benzaldehyde	6.36	77	1211	Below Cal		#	85
10) Phenol	6.47	94	481267	44.085	ng		84
11) bis(2-Chloroethyl)ether	6.55	93	382958	43.959	ng		96
12) 1,3-Dichlorobenzene	6.75	146	421580	42.103	ng		97
13) 1,4-Dichlorobenzene	6.83	146	424061	42.486	ng		97
14) 1,2-Dichlorobenzene	6.99	146	394067	42.604	ng		98
15) Benzyl Alcohol	6.96	79	330773	42.327	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	471928	40.337	ng		85
17) 2-Methylphenol	7.07	107	333327	43.386	ng		94
18) Hexachloroethane	7.32	117	138407	38.892	ng		95
19) n-Nitroso-di-n-propylamine	7.23	70	264723	39.373	ng		92
20) 3+4-Methylphenols	7.23	107	389276	40.853	ng		88
22) Acetophenone	7.22	105	526501	42.579	ng	#	98
24) Nitrobenzene	7.40	77	422714	49.776	ng		99
25) Isophorone	7.64	82	753301	46.313	ng		99
26) 2-Nitrophenol	7.72	139	199684	57.758	ng		94
27) 2,4-Dimethylphenol	7.76	122	352396	49.091	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	487085	48.979	ng		99
29) 2,4-Dichlorophenol	7.96	162	320395	46.778	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	342144	45.517	ng		99
31) Naphthalene	8.12	128	1114566	44.565	ng		99
32) Benzoic acid	7.89	122	188971	32.993	ng		98
33) 4-Chloroaniline	8.17	127	185325	17.296	ng		96
34) Hexachlorobutadiene	8.23	225	183524	44.574	ng		99
35) Caprolactam	8.55	113	107446m	44.968	ng		
36) 4-Chloro-3-methylphenol	8.66	107	340935	46.422	ng		100
37) 2-Methylnaphthalene	8.81	142	732464	45.276	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	309137	50.688	ng		99
40) Hexachlorocyclopentadiene	8.96	237	49043	14.364	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	212462	50.183	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	212812	44.919	ng		97
45) 1,1'-Biphenyl	9.27	154	838225	46.833	ng		100
46) 2-Chloronaphthalene	9.30	162	658642	46.589	ng		98
47) 2-Nitroaniline	9.40	65	204787	58.575	ng		90
48) Acenaphthylene	9.72	152	948785	42.775	ng		99
49) Dimethylphthalate	9.58	163	802440	47.761	ng		100
50) 2,6-Dinitrotoluene	9.65	165	169369	54.480	ng		89
51) Acenaphthene	9.89	154	565075	41.754	ng		100
52) 3-Nitroaniline	9.81	138	145213	39.899	ng		98
53) 2,4-Dinitrophenol	9.92	184	20952	26.253	ng	#	23
54) Dibenzofuran	10.06	168	844860	44.796	ng		99
55) 4-Nitrophenol	9.99	139	229480	80.267	ng		96
56) 2,4-Dinitrotoluene	10.05	165	206359	50.604	ng	#	98
57) Fluorene	10.40	166	625881	45.592	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	152468	43.137	ng		95
59) Diethylphthalate	10.27	149	747988	44.702	ng		100
60) 4-Chlorophenyl-phenylether	10.40	204	294258	48.132	ng		96
61) 4-Nitroaniline	10.43	138	162504	45.665	ng		99
62) Azobenzene	10.56	77	663295	41.492	ng		95
64) 4,6-Dinitro-2-methylphenol	10.45	198	19106	17.762	ng		90
65) n-Nitrosodiphenylamine	10.52	169	570326	51.563	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	182939	53.913	ng		92
67) Hexachlorobenzene	10.95	284	189016	49.505	ng		92
68) Atrazine	11.04	200	118387	35.459	ng		99
69) Pentachlorophenol	11.15	266	151908	64.312	ng		97
70) Phenanthrene	11.37	178	805646	45.349	ng		99
71) Anthracene	11.42	178	827142	45.803	ng		99
72) Carbazole	11.58	167	735264	41.666	ng		99
73) Di-n-butylphthalate	11.90	149	1015748	47.121	ng		99
74) Fluoranthene	12.56	202	758434	40.861	ng		98
76) Benzidine	12.68	184	190615	21.176	ng		97
77) Pyrene	12.79	202	763298	45.556	ng		100
79) Butylbenzylphthalate	13.40	149	367743	46.588	ng		97
80) Benzo(a)anthracene	13.98	228	649677	48.110	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	231770	46.032	ng	#	96
82) Chrysene	14.02	228	616461	44.444	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	499322	49.180	ng		100
84) Di-n-octyl phthalate	14.59	149	828714	48.849	ng		96
85) Indeno(1,2,3-cd)pyrene	16.92	276	463402	39.328	ng		96
87) Benzo(b)fluoranthene	15.03	252	550496	54.483	ng		99
88) Benzo(k)fluoranthene	15.06	252	511509	53.623	ng		96
89) Benzo(a)pyrene	15.39	252	478414	52.919	ng		99
90) Dibenzo(a,h)anthracene	16.93	278	394436	53.123	ng		98
91) Benzo(g,h,i)perylene	17.36	276	380258	52.861	ng		95

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

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