Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100773.D
Acq On : 21 Nov 2017 12:02
Operator : SJ/JU
Sample : PB104316BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104316BS

Manual Integrations APPROVED
Sohil
11/22/2017 5:04:04 PM

Quant Time: Nov 22 05:00:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	79838	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	323647	20.00	ng		-0.01
38) Acenaphthene-d10	9.91	164	156396	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	317580	20.00	ng		0.00
75) Chrysene-d12	14.04	240	244980	20.00	ng		0.00
86) Perylene-d12	15.51	264	180367	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	529148	106.24	ng		0.01
7) Phenol-d6	6.50	99	643073	104.71	ng		0.00
23) Nitrobenzene-d5	7.44	82	402682	82.26	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	199859	125.41	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	870078	84.71	ng		0.00
78) Terphenyl-d14	12.98	244	903068	84.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	70189	28.918	ng		98
3) Pyridine	3.50	79	192323	29.043	ng		92
4) n-Nitrosodimethylamine	3.45	42	94754	29.472	ng		99
6) Aniline	6.54	93	123867	14.276	ng		97
8) 2-Chlorophenol	6.66	128	208749	39.619	ng		93
9) Benzaldehyde	6.42	77	73627	16.787	ng		98
10) Phenol	6.52	94	244841	37.975	ng		96
11) bis(2-Chloroethyl)ether	6.61	93	185703	34.290	ng		99
12) 1,3-Dichlorobenzene	6.82	146	231890	38.173	ng		95
13) 1,4-Dichlorobenzene	6.89	146	235029	38.226	ng		97
14) 1,2-Dichlorobenzene	7.05	146	221656	38.992	ng		97
15) Benzyl Alcohol	7.02	79	177146	36.957	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	325618	37.593	ng		99
17) 2-Methylphenol	7.12	107	175736	39.029	ng		99
18) Hexachloroethane	7.39	117	76658	37.815	ng		90
19) n-Nitroso-di-n-propylamine	7.29	70	140394	32.962	ng		98
20) 3+4-Methylphenols	7.27	107	215275	37.782	ng	#	82
22) Acetophenone	7.28	105	278258	35.258	ng	#	93
24) Nitrobenzene	7.46	77	208136	41.309	ng		97
25) Isophorone	7.69	82	383193	37.250	ng		99
26) 2-Nitrophenol	7.77	139	118452	49.902	ng		94
27) 2,4-Dimethylphenol	7.80	122	195087	42.304	ng		100
28) bis(2-Chloroethoxy)methane	7.90	93	243940	36.252	ng		99
29) 2,4-Dichlorophenol	8.01	162	187520	42.595	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	191299	40.172	ng		94
31) Naphthalene	8.18	128	596618	38.273	ng		99
32) Benzoic acid	7.93	122	125972	38.079	ng		95
33) 4-Chloroaniline	8.22	127	55924	8.619	ng		98
34) Hexachlorobutadiene	8.29	225	110710	39.101	ng		99
35) Caprolactam	8.60	113	59596m	39.446	ng		
36) 4-Chloro-3-methylphenol	8.71	107	190009	40.187	ng		97
37) 2-Methylnaphthalene	8.87	142	422389	40.813	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	199570	38.476	ng		97
40) Hexachlorocyclopentadiene	9.02	237	211202	86.516	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	140839	42.843	ng		98
43) 2,4,5-Trichlorophenol	9.19	196	149724	43.959	ng		94
45) 1,1'-Biphenyl	9.33	154	513951	37.995	ng		98
46) 2-Chloronaphthalene	9.36	162	397607	40.518	ng		97
47) 2-Nitroaniline	9.46	65	117576	40.981	ng		92
48) Acenaphthylene	9.77	152	615191	37.829	ng		99
49) Dimethylphthalate	9.63	163	469263	39.298	ng		100
50) 2,6-Dinitrotoluene	9.70	165	104858	44.363	ng	#	86
51) Acenaphthene	9.95	154	366635	37.069	ng		99
52) 3-Nitroaniline	9.86	138	59186	21.205	ng		95
53) 2,4-Dinitrophenol	9.97	184	93928	86.946	ng	#	13
54) Dibenzofuran	10.12	168	545767	39.371	ng		96
55) 4-Nitrophenol	10.03	139	175630	77.494	ng		82
56) 2,4-Dinitrotoluene	10.10	165	143431	48.101	ng	#	83
57) Fluorene	10.46	166	430505	42.393	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	123273	44.161	ng	#	85
59) Diethylphthalate	10.33	149	454500	38.035	ng		95
60) 4-Chlorophenyl-phenylether	10.45	204	204409	41.032	ng		91
61) 4-Nitroaniline	10.49	138	111944	42.297	ng		83
62) Azobenzene	10.61	77	403697	35.869	ng		96
64) 4,6-Dinitro-2-methylphenol	10.51	198	68850	43.841	ng		82
65) n-Nitrosodiphenylamine	10.57	169	404705	36.650	ng		95
66) 4-Bromophenyl-phenylether	10.94	248	133488	39.210	ng	#	87
67) Hexachlorobenzene	11.01	284	139788	39.260	ng	#	86
68) Atrazine	11.10	200	131817	39.435	ng		97
69) Pentachlorophenol	11.20	266	160690	62.938	ng		98
70) Phenanthrene	11.43	178	649194	38.825	ng		99
71) Anthracene	11.47	178	677547	39.939	ng		99
72) Carbazole	11.63	167	604182	38.598	ng		99
73) Di-n-butylphthalate	11.95	149	741893	40.501	ng		99
74) Fluoranthene	12.61	202	696638	39.311	ng		98
76) Benzidine	12.73	184	169780	17.305	ng		97
77) Pyrene	12.84	202	709292	40.617	ng		99
79) Butylbenzylphthalate	13.45	149	304551	42.764	ng		93
80) Benzo(a)anthracene	14.03	228	592647	40.172	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	111635	21.120	ng		98
82) Chrysene	14.07	228	544824	38.137	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	393815	42.044	ng		98
84) Di-n-octyl phthalate	14.62	149	550831	34.231	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	448118	38.781	ng		94
87) Benzo(b)fluoranthene	15.08	252	438035	40.992	ng		97
88) Benzo(k)fluoranthene	15.11	252	404248	40.038	ng	#	97
89) Benzo(a)pyrene	15.44	252	391540	41.331	ng		100
90) Dibenzo(a,h)anthracene	17.01	278	366965	47.366	ng		95
91) Benzo(g,h,i)perylene	17.44	276	384489	50.698	ng		94

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

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