Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090217\
Data File : BF098245.D
Acq On : 2 Sep 2017 14:57
Operator : SJ/JU
Sample : PB102007BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB102007BS

Manual Integrations APPROVED
mohammad
9/5/2017 4:54:50 PM

Quant Time: Sep 04 07:41:23 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	116298	20.00	ng		-0.04
21) Naphthalene-d8	8.00	136	450135	20.00	ng		-0.04
38) Acenaphthene-d10	9.75	164	203795	20.00	ng		-0.04
63) Phenanthrene-d10	11.23	188	364262	20.00	ng		-0.04
75) Chrysene-d12	13.86	240	234893	20.00	ng		-0.04
86) Perylene-d12	15.27	264	228324	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	934358	122.21	ng		-0.02
7) Phenol-d6	6.37	99	1271936	122.44	ng		-0.02
23) Nitrobenzene-d5	7.28	82	788240	95.13	ng		-0.04
41) 2,4,6-Tribromophenol	10.54	330	254578	143.97	ng		-0.04
44) 2-Fluorobiphenyl	9.07	172	1204706	86.85	ng		-0.04
78) Terphenyl-d14	12.82	244	910376	80.82	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	134372	31.513	ng		89
3) Pyridine	3.13	79	396245	33.615	ng		87
4) n-Nitrosodimethylamine	3.08	42	152415	33.604	ng	#	66
6) Aniline	6.38	93	386770	26.503	ng	#	25
8) 2-Chlorophenol	6.50	128	331590	41.123	ng		98
9) Benzaldehyde	6.26	77	116778	17.747	ng		87
10) Phenol	6.38	94	470221	38.702	ng		92
11) bis(2-Chloroethyl)ether	6.46	93	368119	40.143	ng		93
12) 1,3-Dichlorobenzene	6.65	146	329984	38.046	ng	#	94
13) 1,4-Dichlorobenzene	6.73	146	332405	37.683	ng	#	93
14) 1,2-Dichlorobenzene	6.88	146	309739	38.081	ng		99
15) Benzyl Alcohol	6.86	79	300540	38.641	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	462410	37.478	ng		81
17) 2-Methylphenol	6.98	107	301603	42.445	ng	#	94
18) Hexachloroethane	7.22	117	132798	38.399	ng	#	82
19) n-Nitroso-di-n-propylamine	7.13	70	266335	37.452	ng		89
20) 3+4-Methylphenols	7.13	107	370649	42.707	ng	#	90
22) Acetophenone	7.13	105	487855	41.026	ng	#	87
24) Nitrobenzene	7.30	77	409780	44.416	ng		93
25) Isophorone	7.54	82	751622	43.624	ng		97
26) 2-Nitrophenol	7.62	139	174404	51.720	ng	#	85
27) 2,4-Dimethylphenol	7.66	122	316238	44.009	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	485361	42.849	ng		99
29) 2,4-Dichlorophenol	7.86	162	271301	45.484	ng		94
30) 1,2,4-Trichlorobenzene	7.94	180	270162	40.857	ng		99
31) Naphthalene	8.02	128	959381	41.054	ng		100
32) Benzoic acid	7.80	122	175232	35.409	ng		88
33) 4-Chloroaniline	8.07	127	192225	19.504	ng		99
34) Hexachlorobutadiene	8.13	225	154785	40.092	ng		98
35) Caprolactam	8.46	113	92378m	45.556	ng		
36) 4-Chloro-3-methylphenol	8.56	107	333256	43.485	ng	#	80
37) 2-Methylnaphthalene	8.71	142	630144	43.982	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	251943	40.283	ng	#	97
40) Hexachlorocyclopentadiene	8.86	237	284136	94.565	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	183681	43.744	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	192104	46.115	ng		96
45) 1,1'-Biphenyl	9.17	154	746334	40.160	ng		97
46) 2-Chloronaphthalene	9.20	162	555564	40.459	ng	#	92
47) 2-Nitroaniline	9.30	65	207219	45.015	ng		97
48) Acenaphthylene	9.61	152	904741	41.958	ng		100
49) Dimethylphthalate	9.48	163	672498	45.144	ng		99
50) 2,6-Dinitrotoluene	9.55	165	144330	48.538	ng	#	78
51) Acenaphthene	9.78	154	539909	39.700	ng		99
52) 3-Nitroaniline	9.71	138	105523	27.505	ng		93
53) 2,4-Dinitrophenol	9.82	184	130576	90.753	ng	#	78
54) Dibenzofuran	9.96	168	798745	43.823	ng		98
55) 4-Nitrophenol	9.89	139	204073	66.682	ng	#	53
56) 2,4-Dinitrotoluene	9.95	165	176730	47.359	ng	#	60
57) Fluorene	10.30	166	595121	42.232	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	150455	46.649	ng		92
59) Diethylphthalate	10.18	149	691235	44.372	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	286006	43.688	ng	#	85
61) 4-Nitroaniline	10.33	138	157109	43.087	ng		80
62) Azobenzene	10.45	77	796826	43.061	ng		93
64) 4,6-Dinitro-2-methylphenol	10.36	198	90308	51.812	ng	#	78
65) n-Nitrosodiphenylamine	10.42	169	551009	44.421	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	176867	46.758	ng		92
67) Hexachlorobenzene	10.85	284	169775	44.035	ng	#	89
68) Atrazine	10.95	200	159247	48.409	ng		98
69) Pentachlorophenol	11.05	266	160991	71.616	ng		98
70) Phenanthrene	11.26	178	839404	43.245	ng		100
71) Anthracene	11.31	178	856562	43.508	ng		99
72) Carbazole	11.47	167	761036	40.724	ng		97
73) Di-n-butylphthalate	11.80	149	982937	45.664	ng		100
74) Fluoranthene	12.44	202	808635	39.913	ng		98
76) Benzidine	12.56	184	320023	41.553	ng	#	92
77) Pyrene	12.67	202	814450	42.394	ng		99
79) Butylbenzylphthalate	13.29	149	353514	47.994	ng	#	77
80) Benzo(a)anthracene	13.86	228	579355	41.153	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	136324	28.697	ng	#	95
82) Chrysene	13.89	228	578908	41.337	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	450855	55.238	ng	#	99
84) Di-n-octyl phthalate	14.46	149	816119	57.466	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	664335	64.485	ng		96
87) Benzo(b)fluoranthene	14.87	252	620958	43.146	ng		99
88) Benzo(k)fluoranthene	14.90	252	515636	38.135	ng	#	96
89) Benzo(a)pyrene	15.22	252	576405	45.241	ng		98
90) Dibenzo(a,h)anthracene	16.67	278	558909	53.884	ng		97
91) Benzo(g,h,i)perylene	17.07	276	577180	53.329	ng		94

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

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