Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097159.D
Acq On : 28 Jul 2017 17:44
Operator : SJ/JU
Sample : PB101003BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Manual Integrations APPROVED
Sohil
7/31/2017 6:52:12 PM

Quant Time: Jul 28 23:00:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	98251	20.00	ng		-0.01
21) Naphthalene-d8	7.77	136	434728	20.00	ng		-0.02
38) Acenaphthene-d10	9.52	164	187801	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	315695	20.00	ng		-0.01
75) Chrysene-d12	13.62	240	218716	20.00	ng		-0.01
86) Perylene-d12	14.96	264	155615	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	684055	104.96	ng		0.00
7) Phenol-d6	6.16	99	811627	109.08	ng		-0.01
23) Nitrobenzene-d5	7.06	82	551559	74.43	ng		-0.02
41) 2,4,6-Tribromophenol	10.31	330	169749	114.40	ng		-0.01
44) 2-Fluorobiphenyl	8.85	172	844646	76.33	ng		-0.02
78) Terphenyl-d14	12.57	244	747962	69.72	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	96728	35.564	ng	#	74
3) Pyridine	2.72	79	272411	32.709	ng	#	63
4) n-Nitrosodimethylamine	2.66	42	158949	34.450	ng	#	82
6) Aniline	6.15	93	199715	21.330	ng	#	74
8) 2-Chlorophenol	6.28	128	247458	35.508	ng		99
9) Benzaldehyde	6.03	77	187610	42.599	ng		97
10) Phenol	6.17	94	297800	33.743	ng		95
11) bis(2-Chloroethyl)ether	6.23	93	226135	32.396	ng		91
12) 1,3-Dichlorobenzene	6.43	146	240322	31.999	ng		100
13) 1,4-Dichlorobenzene	6.50	146	253585	34.071	ng		95
14) 1,2-Dichlorobenzene	6.66	146	225114	34.640	ng		97
15) Benzyl Alcohol	6.65	79	180386	38.292	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.77	45	536131	38.294	ng		60
17) 2-Methylphenol	6.77	107	205401	38.188	ng	#	89
18) Hexachloroethane	6.99	117	103519	38.017	ng	#	75
19) n-Nitroso-di-n-propylamine	6.92	70	194111	39.634	ng	#	82
20) 3+4-Methylphenols	6.93	107	297795	42.391	ng	#	61
22) Acetophenone	6.90	105	370055	35.446	ng		98
24) Nitrobenzene	7.07	77	275627	35.713	ng		94
25) Isophorone	7.32	82	496669	34.224	ng		97
26) 2-Nitrophenol	7.39	139	148199	35.493	ng	#	86
27) 2,4-Dimethylphenol	7.45	122	241511	35.063	ng		97
28) bis(2-Chloroethoxy)methane	7.53	93	338651	35.758	ng		98
29) 2,4-Dichlorophenol	7.65	162	215850	36.377	ng		97
30) 1,2,4-Trichlorobenzene	7.72	180	196065	34.666	ng		96
31) Naphthalene	7.79	128	717436	35.010	ng		100
32) Benzoic acid	7.60	122	172190	33.479	ng		95
33) 4-Chloroaniline	7.85	127	163567	19.616	ng		97
34) Hexachlorobutadiene	7.92	225	98392	32.814	ng		99
35) Caprolactam	8.22	113	66990m	35.208	ng		
36) 4-Chloro-3-methylphenol	8.36	107	208788	32.252	ng		89
37) 2-Methylnaphthalene	8.49	142	470348	36.251	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	161334	32.196	ng		99
40) Hexachlorocyclopentadiene	8.64	237	94519	56.088	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	121274	33.396	ng		99
43) 2,4,5-Trichlorophenol	8.82	196	126608	34.833	ng		94
45) 1,1'-Biphenyl	8.95	154	519529	32.388	ng		98
46) 2-Chloronaphthalene	8.97	162	402752	34.119	ng		93
47) 2-Nitroaniline	9.07	65	144701	33.778	ng		92
48) Acenaphthylene	9.38	152	647273	35.724	ng		99
49) Dimethylphthalate	9.26	163	485852	34.068	ng		100
50) 2,6-Dinitrotoluene	9.32	165	105557	34.898	ng	#	74
51) Acenaphthene	9.55	154	369290	34.602	ng		98
52) 3-Nitroaniline	9.48	138	89568	23.857	ng		99
53) 2,4-Dinitrophenol	9.60	184	95850	69.695	ng	#	76
54) Dibenzofuran	9.72	168	542012	38.128	ng		97
55) 4-Nitrophenol	9.67	139	144961	64.926	ng	#	57
56) 2,4-Dinitrotoluene	9.73	165	129679	37.294	ng	#	74
57) Fluorene	10.06	166	425756	39.849	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.85	232	93454	37.238	ng	#	97
59) Diethylphthalate	9.96	149	476519	36.421	ng		99
60) 4-Chlorophenyl-phenylether	10.06	204	179602	40.708	ng		99
61) 4-Nitroaniline	10.10	138	131337	36.816	ng		92
62) Azobenzene	10.22	77	449577	37.040	ng		91
64) 4,6-Dinitro-2-methylphenol	10.14	198	70916	36.150	ng		81
65) n-Nitrosodiphenylamine	10.18	169	391369	35.630	ng		97
66) 4-Bromophenyl-phenylether	10.55	248	111463	35.379	ng		98
67) Hexachlorobenzene	10.62	284	117299	33.201	ng	#	93
68) Atrazine	10.72	200	111107	35.275	ng		94
69) Pentachlorophenol	10.82	266	106693	72.987	ng		98
70) Phenanthrene	11.02	178	622862	36.823	ng		99
71) Anthracene	11.07	178	647154	37.354	ng		98
72) Carbazole	11.23	167	617067	36.216	ng		100
73) Di-n-butylphthalate	11.57	149	785200	37.281	ng		99
74) Fluoranthene	12.20	202	628395	37.922	ng		99
76) Benzidine	12.32	184	89870	11.074	ng	#	94
77) Pyrene	12.42	202	633368	35.373	ng		99
79) Butylbenzylphthalate	13.05	149	353695	38.833	ng	#	77
80) Benzo(a)anthracene	13.60	228	510968	36.106	ng		98
81) 3,3'-Dichlorobenzidine	13.57	252	146701	27.489	ng	#	95
82) Chrysene	13.64	228	491577	35.573	ng		99
83) Bis(2-ethylhexyl)phthalate	13.62	149	435756	36.643	ng		99
84) Di-n-octyl phthalate	14.23	149	689571	31.598	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.19	276	362911	30.627	ng		98
87) Benzo(b)fluoranthene	14.60	252	361064	38.598	ng		97
88) Benzo(k)fluoranthene	14.63	252	351724	39.458	ng		97
89) Benzo(a)pyrene	14.91	252	322641	37.686	ng		98
90) Dibenzo(a,h)anthracene	16.20	278	298731	42.550	ng		98
91) Benzo(g,h,i)perylene	16.55	276	325828	44.256	ng		99

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

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