Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF096996.D
Acq On : 24 Jul 2017 20:24
Operator : SJ/JU
Sample : PB100872BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB100872BS

Manual Integrations APPROVED
Sohil
7/25/2017 5:36:22 PM

Quant Time: Jul 25 02:15:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:37:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	108485	20.00	ng		-0.02
21) Naphthalene-d8	7.80	136	520396	20.00	ng		-0.03
38) Acenaphthene-d10	9.55	164	207949	20.00	ng		-0.03
63) Phenanthrene-d10	11.02	188	356473	20.00	ng		-0.03
75) Chrysene-d12	13.64	240	228229	20.00	ng		-0.04
86) Perylene-d12	14.99	264	198195	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	933804	129.42	ng		-0.02
7) Phenol-d6	6.19	99	1068218	123.37	ng		-0.03
23) Nitrobenzene-d5	7.09	82	650810	77.46	ng		-0.03
41) 2,4,6-Tribromophenol	10.33	330	207272	116.77	ng		-0.03
44) 2-Fluorobiphenyl	8.88	172	1165429	88.55	ng		-0.03
78) Terphenyl-d14	12.60	244	876153	66.58	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	126698	34.127	ng	#	71
3) Pyridine	2.76	79	366529	46.977	ng	#	66
4) n-Nitrosodimethylamine	2.71	42	206175	47.253	ng		85
6) Aniline	6.17	93	330603	30.998	ng	#	86
8) 2-Chlorophenol	6.31	128	338225	43.453	ng		97
9) Benzaldehyde	6.06	77	136698	27.316	ng		98
10) Phenol	6.20	94	425608	43.483	ng		95
11) bis(2-Chloroethyl)ether	6.26	93	350629	47.637	ng		93
12) 1,3-Dichlorobenzene	6.46	146	357462	43.204	ng		98
13) 1,4-Dichlorobenzene	6.53	146	351735	41.979	ng		96
14) 1,2-Dichlorobenzene	6.69	146	315865	41.446	ng		96
15) Benzyl Alcohol	6.67	79	244404	43.116	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.80	45	716065	47.140	ng		61
17) 2-Methylphenol	6.80	107	285621	47.188	ng	#	91
18) Hexachloroethane	7.02	117	128232	43.160	ng	#	79
19) n-Nitroso-di-n-propylamine	6.95	70	229558	44.008	ng	#	85
20) 3+4-Methylphenols	6.96	107	360016	49.015	ng	#	63
22) Acetophenone	6.93	105	456212	39.224	ng	#	96
24) Nitrobenzene	7.10	77	344879	39.691	ng		91
25) Isophorone	7.35	82	664615	42.524	ng		98
26) 2-Nitrophenol	7.42	139	199253	41.241	ng		90
27) 2,4-Dimethylphenol	7.48	122	318886	40.119	ng		97
28) bis(2-Chloroethoxy)methane	7.56	93	425680	40.306	ng		98
29) 2,4-Dichlorophenol	7.67	162	284147	39.493	ng		99
30) 1,2,4-Trichlorobenzene	7.75	180	262479	38.370	ng		99
31) Naphthalene	7.82	128	1049826	42.585	ng		99
32) Benzoic acid	7.63	122	178227	35.083	ng		95
33) 4-Chloroaniline	7.87	127	232462	23.800	ng		97
34) Hexachlorobutadiene	7.95	225	139918	38.314	ng		98
35) Caprolactam	8.25	113	96363m	41.800	ng		
36) 4-Chloro-3-methylphenol	8.39	107	290186	37.510	ng		93
37) 2-Methylnaphthalene	8.51	142	637829	40.583	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	218070	38.793	ng		98
40) Hexachlorocyclopentadiene	8.67	237	180577	85.074	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	165993	40.032	ng		99
43) 2,4,5-Trichlorophenol	8.85	196	182414	43.620	ng		98
45) 1,1'-Biphenyl	8.97	154	726946	40.761	ng		97
46) 2-Chloronaphthalene	9.00	162	569538	43.368	ng		94
47) 2-Nitroaniline	9.10	65	224082	49.640	ng		96
48) Acenaphthylene	9.41	152	857340	40.973	ng		98
49) Dimethylphthalate	9.29	163	665084	42.476	ng		99
50) 2,6-Dinitrotoluene	9.35	165	144279	42.541	ng	#	82
51) Acenaphthene	9.58	154	500682	40.505	ng		99
52) 3-Nitroaniline	9.51	138	115671	28.790	ng		94
53) 2,4-Dinitrophenol	9.63	184	104253	63.592	ng	#	73
54) Dibenzofuran	9.75	168	724996	41.855	ng		97
55) 4-Nitrophenol	9.70	139	210882	71.845	ng	#	57
56) 2,4-Dinitrotoluene	9.75	165	174113	39.952	ng	#	60
57) Fluorene	10.09	166	538964	42.106	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.88	232	130941	45.148	ng		97
59) Diethylphthalate	9.99	149	657577	43.140	ng		99
60) 4-Chlorophenyl-phenylether	10.09	204	226108	41.857	ng		97
61) 4-Nitroaniline	10.13	138	175278	46.458	ng		92
62) Azobenzene	10.25	77	631592	46.968	ng		93
64) 4,6-Dinitro-2-methylphenol	10.16	198	86244	38.534	ng		89
65) n-Nitrosodiphenylamine	10.21	169	525056	41.205	ng		99
66) 4-Bromophenyl-phenylether	10.57	248	146226	40.178	ng		96
67) Hexachlorobenzene	10.64	284	158912	39.204	ng	#	88
68) Atrazine	10.75	200	155882	42.939	ng		92
69) Pentachlorophenol	10.84	266	124704	63.683	ng		98
70) Phenanthrene	11.05	178	820907	42.353	ng		99
71) Anthracene	11.10	178	841371	42.933	ng		98
72) Carbazole	11.26	167	793388	41.806	ng		99
73) Di-n-butylphthalate	11.60	149	1006208	42.573	ng		99
74) Fluoranthene	12.23	202	822165	44.315	ng		98
76) Benzidine	12.35	184	329671	44.092	ng	#	93
77) Pyrene	12.45	202	843528	40.725	ng		99
79) Butylbenzylphthalate	13.08	149	420315	42.709	ng	#	76
80) Benzo(a)anthracene	13.63	228	638260	44.883	ng		99
81) 3,3'-Dichlorobenzidine	13.60	252	148486	29.037	ng	#	96
82) Chrysene	13.67	228	609222	43.518	ng		99
83) Bis(2-ethylhexyl)phthalate	13.65	149	514459	42.925	ng		99
84) Di-n-octyl phthalate	14.26	149	835672	42.182	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.24	276	483582	37.442	ng		97
87) Benzo(b)fluoranthene	14.63	252	499078	41.752	ng		97
88) Benzo(k)fluoranthene	14.66	252	464021	40.994	ng		97
89) Benzo(a)pyrene	14.94	252	474182	43.251	ng		99
90) Dibenzo(a,h)anthracene	16.24	278	391553	38.814	ng		98
91) Benzo(g,h,i)perylene	16.60	276	434642	40.235	ng		99

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

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