Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096965.D
Acq On : 22 Jul 2017 2:01
Operator : SJ/JU
Sample : PB100832BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB100832BS

Manual Integrations APPROVED
Sohil
7/24/2017 3:05:33 PM

Quant Time: Jul 22 04:00:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	120539	20.00	ng		-0.04
21) Naphthalene-d8	7.84	136	424773	20.00	ng		-0.05
38) Acenaphthene-d10	9.59	164	161968	20.00	ng		-0.05
63) Phenanthrene-d10	11.06	188	208793	20.00	ng		-0.04
75) Chrysene-d12	13.69	240	160566	20.00	ng		-0.05
86) Perylene-d12	15.05	264	194634	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	501499	62.56	ng		-0.04
7) Phenol-d6	6.22	99	686583	71.37	ng		-0.04
23) Nitrobenzene-d5	7.13	82	542858	79.16	ng		-0.04
41) 2,4,6-Tribromophenol	10.37	330	91320	66.05	ng		-0.05
44) 2-Fluorobiphenyl	8.92	172	874282	85.28	ng		-0.05
78) Terphenyl-d14	12.65	244	471437	50.92	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	95488	23.148	ng	#	73
3) Pyridine	2.80	79	304285	35.099	ng	#	58
4) n-Nitrosodimethylamine	2.76	42	199173	41.083	ng		85
6) Aniline	6.22	93	291781	24.623	ng	#	74
8) 2-Chlorophenol	6.35	128	306168	35.401	ng		95
9) Benzaldehyde	6.10	77	131423	23.635	ng		99
10) Phenol	6.23	94	387830	35.661	ng		98
11) bis(2-Chloroethyl)ether	6.30	93	322662	39.454	ng		91
12) 1,3-Dichlorobenzene	6.50	146	334037	36.335	ng		99
13) 1,4-Dichlorobenzene	6.57	146	335330	36.019	ng		95
14) 1,2-Dichlorobenzene	6.73	146	295214	34.863	ng		97
15) Benzyl Alcohol	6.71	79	219680	34.879	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.85	45	643077	38.102	ng		93
17) 2-Methylphenol	6.83	107	241463	35.903	ng		96
18) Hexachloroethane	7.07	117	96162	29.129	ng	#	83
19) n-Nitroso-di-n-propylamine	6.98	70	181134	31.252	ng	#	79
20) 3+4-Methylphenols	6.99	107	276503	33.881	ng	#	64
22) Acetophenone	6.97	105	368880	38.855	ng	#	96
24) Nitrobenzene	7.15	77	278967	39.333	ng		91
25) Isophorone	7.39	82	492564	38.610	ng		96
26) 2-Nitrophenol	7.46	139	148616	37.684	ng		92
27) 2,4-Dimethylphenol	7.52	122	243046	37.461	ng		97
28) bis(2-Chloroethoxy)methane	7.60	93	340123	39.455	ng		99
29) 2,4-Dichlorophenol	7.71	162	218798	37.256	ng		96
30) 1,2,4-Trichlorobenzene	7.79	180	211856	37.941	ng		98
31) Naphthalene	7.86	128	768236	38.178	ng		99
32) Benzoic acid	7.65	122	135979m	32.792	ng		
33) 4-Chloroaniline	7.92	127	146443	18.369	ng		98
34) Hexachlorobutadiene	7.99	225	108478	36.392	ng		97
35) Caprolactam	8.29	113	69553	36.962	ng	#	58
36) 4-Chloro-3-methylphenol	8.42	107	218846	34.656	ng		87
37) 2-Methylnaphthalene	8.55	142	495821	38.649	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	177343	40.505	ng		99
40) Hexachlorocyclopentadiene	8.70	237	19859	16.292	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	122116	37.811	ng		96
43) 2,4,5-Trichlorophenol	8.88	196	125021	38.383	ng		98
45) 1,1'-Biphenyl	9.02	154	540482	38.909	ng		98
46) 2-Chloronaphthalene	9.04	162	408662	39.952	ng		94
47) 2-Nitroaniline	9.14	65	147255	41.881	ng		90
48) Acenaphthylene	9.45	152	621045	38.106	ng		99
49) Dimethylphthalate	9.32	163	500079	41.005	ng		100
50) 2,6-Dinitrotoluene	9.38	165	102056	38.634	ng	#	76
51) Acenaphthene	9.62	154	356545	37.033	ng		97
52) 3-Nitroaniline	9.55	138	77041	24.619	ng		94
53) 2,4-Dinitrophenol	9.66	184	26261	25.127	ng	#	73
54) Dibenzofuran	9.79	168	515090	38.178	ng		99
55) 4-Nitrophenol	9.73	139	125507	54.897	ng	#	72
56) 2,4-Dinitrotoluene	9.79	165	116322	34.268	ng	#	67
57) Fluorene	10.13	166	368936	37.005	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	79460	35.176	ng		99
59) Diethylphthalate	10.02	149	459507	38.704	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	160197	36.985	ng		97
61) 4-Nitroaniline	10.15	138	90946	30.949	ng		92
62) Azobenzene	10.29	77	412377	39.372	ng		91
64) 4,6-Dinitro-2-methylphenol	10.20	198	24622	18.782	ng	#	76
65) n-Nitrosodiphenylamine	10.25	169	344732	46.189	ng		99
66) 4-Bromophenyl-phenylether	10.61	248	95029	44.579	ng		93
67) Hexachlorobenzene	10.68	284	93905	39.552	ng	#	89
68) Atrazine	10.78	200	81198	38.186	ng		95
69) Pentachlorophenol	10.88	266	67613	58.950	ng		99
70) Phenanthrene	11.09	178	470304	41.426	ng		99
71) Anthracene	11.14	178	456075	39.733	ng		98
72) Carbazole	11.29	167	446282	40.149	ng		99
73) Di-n-butylphthalate	11.64	149	588383	42.503	ng		98
74) Fluoranthene	12.26	202	446869	41.123	ng		98
76) Benzidine	12.39	184	320394	60.909	ng	#	92
77) Pyrene	12.49	202	470647	32.298	ng		99
79) Butylbenzylphthalate	13.12	149	206012	29.754	ng	#	81
80) Benzo(a)anthracene	13.68	228	395892	39.571	ng		98
81) 3,3'-Dichlorobenzidine	13.64	252	145845	40.539	ng	#	95
82) Chrysene	13.72	228	401273	40.742	ng		99
83) Bis(2-ethylhexyl)phthalate	13.69	149	283145	33.581	ng	#	98
84) Di-n-octyl phthalate	14.30	149	611857	43.899	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.32	276	351435	38.509	ng		96
87) Benzo(b)fluoranthene	14.68	252	452909	38.583	ng		98
88) Benzo(k)fluoranthene	14.71	252	449961m	40.479	ng		
89) Benzo(a)pyrene	15.00	252	447019	41.520	ng		97
90) Dibenzo(a,h)anthracene	16.33	278	298367	30.117	ng		98
91) Benzo(g,h,i)perylene	16.69	276	287295	27.081	ng		99

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

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