Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
Data File : BF095226.D
Acq On : 18 May 2017 17:10
Operator : SJ/MA
Sample : PB99052BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB99052BS

Manual Integrations APPROVED
mohammad
5/19/2017 3:39:58 PM

Quant Time: May 19 01:50:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	99596	20.00	ng		0.00
21) Naphthalene-d8	9.78	136	429476	20.00	ng		0.00
38) Acenaphthene-d10	12.62	164	193788	20.00	ng		0.00
63) Phenanthrene-d10	15.02	188	341313	20.00	ng		0.00
75) Chrysene-d12	18.69	240	245701	20.00	ng		0.00
86) Perylene-d12	20.37	264	172316	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	710031	118.86	ng		0.02
7) Phenol-d6	7.32	99	907169	126.56	ng		0.01
23) Nitrobenzene-d5	8.68	82	544909	80.01	ng		0.00
41) 2,4,6-Tribromophenol	13.92	330	199458	125.68	ng		0.00
44) 2-Fluorobiphenyl	11.56	172	1011259	75.11	ng		0.00
78) Terphenyl-d14	17.34	244	942790	84.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	83033	28.34	ng		93
3) Pyridine	3.03	79	183481	27.02	ng		96
4) n-Nitrosodimethylamine	2.95	42	77139	27.25	ng		79
6) Aniline	7.28	93	248823	27.50	ng		96
8) 2-Chlorophenol	7.47	128	273639	40.24	ng		96
9) Benzaldehyde	7.11	77	86422	19.75	ng		99
10) Phenol	7.34	94	285177	37.76	ng		91
11) bis(2-Chloroethyl)ether	7.41	93	242316	38.86	ng		93
12) 1,3-Dichlorobenzene	7.68	146	283872	36.80	ng		97
13) 1,4-Dichlorobenzene	7.80	146	297606	38.05	ng		96
14) 1,2-Dichlorobenzene	8.03	146	289227	39.61	ng		96
15) Benzyl Alcohol	8.06	79	218010	47.29	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.26	45	324081	36.72	ng	#	42
17) 2-Methylphenol	8.27	107	226255	40.66	ng		94
18) Hexachloroethane	8.55	117	97271	36.71	ng		89
19) n-Nitroso-di-n-propylamine	8.48	70	189658	39.12	ng		93
20) 3+4-Methylphenols	8.53	107	291985	38.62	ng	#	61
22) Acetophenone	8.45	105	382736	37.14	ng	#	84
24) Nitrobenzene	8.70	77	266888	37.39	ng		95
25) Isophorone	9.10	82	488097	40.13	ng		96
26) 2-Nitrophenol	9.21	139	152616	39.62	ng		98
27) 2,4-Dimethylphenol	9.34	122	242906	39.00	ng		98
28) bis(2-Chloroethoxy)methane	9.46	93	320973	38.15	ng		100
29) 2,4-Dichlorophenol	9.63	162	245051	41.67	ng		97
30) 1,2,4-Trichlorobenzene	9.71	180	239586	38.03	ng		99
31) Naphthalene	9.82	128	798534	36.99	ng		100
32) Benzoic acid	9.66	122	142009	36.13	ng		95
33) 4-Chloroaniline	10.00	127	69449	8.63	ng	#	92
34) Hexachlorobutadiene	10.04	225	120362	36.21	ng		99
35) Caprolactam	10.60	113	63317m	35.86	ng		
36) 4-Chloro-3-methylphenol	10.82	107	251171	39.95	ng		91
37) 2-Methylnaphthalene	10.95	142	567910	40.09	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	223746	37.54	ng		99
40) Hexachlorocyclopentadiene	11.20	237	147327	60.41	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	160407	40.31	ng		98
43) 2,4,5-Trichlorophenol	11.54	196	138369	32.35	ng	#	93
45) 1,1'-Biphenyl	11.71	154	579936	35.54	ng		99
46) 2-Chloronaphthalene	11.73	162	461397	35.02	ng		96
47) 2-Nitroaniline	11.95	65	132352	36.70	ng	#	77
48) Acenaphthylene	12.39	152	797657	38.66	ng		98
49) Dimethylphthalate	12.26	163	584977	36.77	ng		99
50) 2,6-Dinitrotoluene	12.35	165	130750	40.29	ng		96
51) Acenaphthene	12.67	154	462984	37.56	ng		100
52) 3-Nitroaniline	12.64	138	54169	15.55	ng		91
53) 2,4-Dinitrophenol	12.84	184	110742	63.36	ng	#	65
54) Dibenzofuran	12.96	168	717253	42.05	ng		99
55) 4-Nitrophenol	13.02	139	138838	66.36	ng	#	73
56) 2,4-Dinitrotoluene	13.02	165	175368	42.05	ng	#	90
57) Fluorene	13.51	166	539592	36.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.20	232	112004	41.61	ng	#	97
59) Diethylphthalate	13.41	149	503728	33.03	ng		98
60) 4-Chlorophenyl-phenylether	13.54	204	241718	37.09	ng		90
61) 4-Nitroaniline	13.63	138	92741	29.00	ng		98
62) Azobenzene	13.79	77	532201	43.43	ng		94
64) 4,6-Dinitro-2-methylphenol	13.69	198	79262	34.64	ng	#	68
65) n-Nitrosodiphenylamine	13.75	169	481506	38.87	ng		98
66) 4-Bromophenyl-phenylether	14.32	248	141542	39.25	ng		97
67) Hexachlorobenzene	14.41	284	142379	38.53	ng	#	88
68) Atrazine	14.67	200	144689	41.37	ng		94
69) Pentachlorophenol	14.77	266	105294	64.26	ng		96
70) Phenanthrene	15.06	178	765010	39.01	ng		97
71) Anthracene	15.14	178	788076	39.34	ng		98
72) Carbazole	15.42	167	687929	37.74	ng		97
73) Di-n-butylphthalate	15.98	149	936372	41.20	ng		99
74) Fluoranthene	16.80	202	776372	38.59	ng		99
76) Benzidine	17.02	184	221073	35.29	ng	#	93
77) Pyrene	17.10	202	800094	43.54	ng		98
79) Butylbenzylphthalate	18.00	149	349736	40.92	ng		88
80) Benzo(a)anthracene	18.68	228	569252	39.81	ng		99
81) 3,3'-Dichlorobenzidine	18.67	252	91127	18.45	ng	#	94
82) Chrysene	18.72	228	531542	38.44	ng		98
83) Bis(2-ethylhexyl)phthalate	18.74	149	501244	41.16	ng	#	100
84) Di-n-octyl phthalate	19.51	149	771374	38.63	ng		96
85) Indeno(1,2,3-cd)pyrene	21.69	276	358180	31.90	ng		99
87) Benzo(b)fluoranthene	19.95	252	410222	38.53	ng		97
88) Benzo(k)fluoranthene	19.98	252	432574	42.12	ng		97
89) Benzo(a)pyrene	20.31	252	387082	39.40	ng		99
90) Dibenzo(a,h)anthracene	21.70	278	295716	36.44	ng		97
91) Benzo(g,h,i)perylene	22.08	276	305332	38.34	ng		96

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

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