Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095125.D
Acq On : 15 May 2017 14:56
Operator : SJ/MA
Sample : PB98943BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98943BS

Manual Integrations APPROVED
mohammad
5/17/2017 2:19:58 PM

Quant Time: May 16 07:18:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	89607	20.00	ng		0.06
21) Naphthalene-d8	9.80	136	363680	20.00	ng		0.04
38) Acenaphthene-d10	12.63	164	174555	20.00	ng		0.05
63) Phenanthrene-d10	15.04	188	329662	20.00	ng		0.05
75) Chrysene-d12	18.70	240	269254	20.00	ng		0.05
86) Perylene-d12	20.38	264	185509	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	772945	143.81	ng		0.09
7) Phenol-d6	7.33	99	842587	130.66	ng		0.05
23) Nitrobenzene-d5	8.69	82	533961	92.58	ng		0.05
41) 2,4,6-Tribromophenol	13.93	330	205105	143.48	ng		0.05
44) 2-Fluorobiphenyl	11.57	172	1013182	83.54	ng		0.04
78) Terphenyl-d14	17.35	244	1012665	82.84	ng		0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	90689	34.41	ng		93
3) Pyridine	3.05	79	260497m	42.64	ng		
4) n-Nitrosodimethylamine	2.96	42	107128m	42.07	ng		
6) Aniline	7.30	93	232265	28.53	ng		95
8) 2-Chlorophenol	7.48	128	278987	45.61	ng		96
9) Benzaldehyde	7.12	77	107873	27.39	ng		98
10) Phenol	7.35	94	283780	41.76	ng		92
11) bis(2-Chloroethyl)ether	7.42	93	247750	44.16	ng		95
12) 1,3-Dichlorobenzene	7.69	146	300313	43.28	ng		99
13) 1,4-Dichlorobenzene	7.81	146	308170	43.79	ng		97
14) 1,2-Dichlorobenzene	8.05	146	295956	45.05	ng		95
15) Benzyl Alcohol	8.07	79	226221	54.54	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.27	45	334771	42.16	ng		81
17) 2-Methylphenol	8.28	107	235695	47.08	ng		93
18) Hexachloroethane	8.56	117	104520	43.84	ng		88
19) n-Nitroso-di-n-propylamine	8.49	70	191982	44.02	ng		94
20) 3+4-Methylphenols	8.53	107	306328	45.03	ng	#	56
22) Acetophenone	8.46	105	389489	44.64	ng	#	84
24) Nitrobenzene	8.71	77	273660	45.27	ng		95
25) Isophorone	9.11	82	494227	47.99	ng		95
26) 2-Nitrophenol	9.22	139	156394	47.95	ng		95
27) 2,4-Dimethylphenol	9.35	122	251777	47.74	ng		98
28) bis(2-Chloroethoxy)methane	9.48	93	310003	43.51	ng		99
29) 2,4-Dichlorophenol	9.64	162	241046	48.41	ng		99
30) 1,2,4-Trichlorobenzene	9.72	180	239182	44.83	ng		100
31) Naphthalene	9.83	128	791979	43.33	ng		100
32) Benzoic acid	9.65	122	122193	36.63	ng		95
33) 4-Chloroaniline	10.00	127	63854	9.37	ng		96
34) Hexachlorobutadiene	10.05	225	122049	43.36	ng		99
35) Caprolactam	10.61	113	78159m	52.27	ng		
36) 4-Chloro-3-methylphenol	10.82	107	235986	44.32	ng		92
37) 2-Methylnaphthalene	10.96	142	531110	44.27	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.24	216	224637	41.85	ng		100
40) Hexachlorocyclopentadiene	11.21	237	184962	81.81	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	167194	46.65	ng		99
43) 2,4,5-Trichlorophenol	11.55	196	152158	39.50	ng	#	90
45) 1,1'-Biphenyl	11.72	154	662878	45.10	ng		98
46) 2-Chloronaphthalene	11.74	162	519347	43.76	ng		96
47) 2-Nitroaniline	11.96	65	137800	42.43	ng	#	80
48) Acenaphthylene	12.40	152	792688	42.65	ng		98
49) Dimethylphthalate	12.27	163	615767	42.97	ng		99
50) 2,6-Dinitrotoluene	12.37	165	127157	43.49	ng		96
51) Acenaphthene	12.68	154	477222	42.99	ng		98
52) 3-Nitroaniline	12.65	138	67523	21.52	ng		89
53) 2,4-Dinitrophenol	12.84	184	137106	84.75	ng	#	66
54) Dibenzofuran	12.97	168	753628	49.05	ng		99
55) 4-Nitrophenol	13.02	139	158068	83.87	ng	#	72
56) 2,4-Dinitrotoluene	13.04	165	190638	50.75	ng	#	92
57) Fluorene	13.52	166	548386	41.05	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	122124	50.37	ng	#	96
59) Diethylphthalate	13.42	149	546207	39.77	ng		98
60) 4-Chlorophenyl-phenylether	13.55	204	243016	41.39	ng		89
61) 4-Nitroaniline	13.64	138	99575	34.57	ng		93
62) Azobenzene	13.81	77	555316	50.31	ng		94
64) 4,6-Dinitro-2-methylphenol	13.70	198	87719	39.69	ng	#	67
65) n-Nitrosodiphenylamine	13.76	169	505378	42.24	ng		98
66) 4-Bromophenyl-phenylether	14.34	248	150649	43.25	ng		99
67) Hexachlorobenzene	14.42	284	155747	43.63	ng	#	85
68) Atrazine	14.68	200	160197	47.42	ng		95
69) Pentachlorophenol	14.78	266	117825	73.52	ng		94
70) Phenanthrene	15.07	178	834603	44.06	ng		99
71) Anthracene	15.15	178	851046	43.99	ng		99
72) Carbazole	15.43	167	781798	44.41	ng		98
73) Di-n-butylphthalate	15.99	149	899230	40.96	ng		98
74) Fluoranthene	16.81	202	804007	41.38	ng		98
76) Benzidine	17.04	184	214712	32.03	ng	#	92
77) Pyrene	17.11	202	824184	40.93	ng		99
79) Butylbenzylphthalate	18.01	149	412738	44.07	ng		89
80) Benzo(a)anthracene	18.69	228	681888	43.51	ng		99
81) 3,3'-Dichlorobenzidine	18.67	252	114390	21.14	ng	#	97
82) Chrysene	18.74	228	676044	44.62	ng		99
83) Bis(2-ethylhexyl)phthalate	18.75	149	608478	45.59	ng	#	98
84) Di-n-octyl phthalate	19.52	149	1017492	46.50	ng		96
85) Indeno(1,2,3-cd)pyrene	21.70	276	459095	37.31	ng		100
87) Benzo(b)fluoranthene	19.97	252	499388	43.57	ng		98
88) Benzo(k)fluoranthene	19.99	252	578053	52.28	ng	#	94
89) Benzo(a)pyrene	20.32	252	475641	44.97	ng		99
90) Dibenzo(a,h)anthracene	21.71	278	380343	43.54	ng		98
91) Benzo(g,h,i)perylene	22.09	276	375184	43.77	ng		99

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

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