Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095962.D
Acq On : 16 Jun 2017 18:41
Operator : SJ/MA
Sample : PB99832BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99832BS

Manual Integrations APPROVED
mohammad
6/19/2017 3:47:00 PM

Quant Time: Jun 17 00:02:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	63927	20.00	ng		0.00
21) Naphthalene-d8	9.35	136	264085	20.00	ng		0.00
38) Acenaphthene-d10	12.17	164	117724	20.00	ng		0.00
63) Phenanthrene-d10	14.57	188	195464	20.00	ng		0.00
75) Chrysene-d12	18.29	240	121182	20.00	ng		0.00
86) Perylene-d12	19.96	264	124291	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	581822	145.03	ng		0.01
7) Phenol-d6	6.91	99	680062	141.59	ng		0.00
23) Nitrobenzene-d5	8.25	82	404857	95.21	ng		0.00
41) 2,4,6-Tribromophenol	13.47	330	137176	131.70	ng		0.00
44) 2-Fluorobiphenyl	11.14	172	789878	93.37	ng		0.00
78) Terphenyl-d14	16.94	244	533112	109.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.70	88	68074	35.67	ng		95
3) Pyridine	2.25	79	176286	39.30	ng		97
4) n-Nitrosodimethylamine	2.22	42	76185	44.68	ng	#	76
6) Aniline	6.83	93	186598	29.70	ng		95
8) 2-Chlorophenol	7.02	128	208495	48.88	ng		93
9) Benzaldehyde	6.64	77	56842	17.55	ng		97
10) Phenol	6.92	94	253449	50.87	ng		89
11) bis(2-Chloroethyl)ether	6.97	93	184182	46.67	ng		97
12) 1,3-Dichlorobenzene	7.22	146	214190	44.36	ng		98
13) 1,4-Dichlorobenzene	7.35	146	219149	44.76	ng		96
14) 1,2-Dichlorobenzene	7.58	146	208119	46.11	ng		96
15) Benzyl Alcohol	7.63	79	164719	49.97	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.82	45	255086	46.00	ng		97
17) 2-Methylphenol	7.87	107	172319	48.14	ng		94
18) Hexachloroethane	8.10	117	72779	45.01	ng	#	85
19) n-Nitroso-di-n-propylamine	8.06	70	142455	46.80	ng		95
20) 3+4-Methylphenols	8.14	107	222498	48.96	ng	#	59
22) Acetophenone	8.02	105	287309	46.48	ng	#	85
24) Nitrobenzene	8.27	77	205170	45.17	ng		92
25) Isophorone	8.67	82	360022	45.34	ng		96
26) 2-Nitrophenol	8.79	139	115995	48.77	ng		98
27) 2,4-Dimethylphenol	8.94	122	181409	49.14	ng		97
28) bis(2-Chloroethoxy)methane	9.06	93	235804	45.05	ng		100
29) 2,4-Dichlorophenol	9.22	162	168759	47.47	ng		99
30) 1,2,4-Trichlorobenzene	9.29	180	169343	45.78	ng		100
31) Naphthalene	9.39	128	591844	44.66	ng		99
32) Benzoic acid	9.32	122	92933	41.11	ng		96
33) 4-Chloroaniline	9.55	127	97296	18.78	ng	#	91
34) Hexachlorobutadiene	9.61	225	84517	44.22	ng		99
35) Caprolactam	10.17	113	54730m	51.74	ng		
36) 4-Chloro-3-methylphenol	10.43	107	179254	48.17	ng		89
37) 2-Methylnaphthalene	10.52	142	408927	45.67	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.80	216	158956	45.12	ng		98
40) Hexachlorocyclopentadiene	10.76	237	42248	44.12	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.03	196	108994	48.11	ng		99
43) 2,4,5-Trichlorophenol	11.13	196	104583	43.40	ng		91
45) 1,1'-Biphenyl	11.29	154	452204	46.61	ng		96
46) 2-Chloronaphthalene	11.30	162	350281	46.20	ng		95
47) 2-Nitroaniline	11.52	65	103075	46.46	ng		88
48) Acenaphthylene	11.94	152	544896	42.03	ng		99
49) Dimethylphthalate	11.84	163	414930	46.42	ng		98
50) 2,6-Dinitrotoluene	11.94	165	86922	44.58	ng	#	73
51) Acenaphthene	12.23	154	325559	43.48	ng		98
52) 3-Nitroaniline	12.20	138	59773	26.31	ng		85
53) 2,4-Dinitrophenol	12.43	184	55992	53.09	ng	#	67
54) Dibenzofuran	12.52	168	495235	47.00	ng		97
55) 4-Nitrophenol	12.63	139	93109	70.77	ng	#	72
56) 2,4-Dinitrotoluene	12.61	165	125276	47.57	ng	#	92
57) Fluorene	13.07	166	394995	43.07	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.77	232	82043	49.76	ng	#	89
59) Diethylphthalate	12.99	149	395757	46.01	ng		99
60) 4-Chlorophenyl-phenylether	13.10	204	176738	44.32	ng		88
61) 4-Nitroaniline	13.21	138	83490	39.37	ng		98
62) Azobenzene	13.36	77	365559	46.89	ng		93
64) 4,6-Dinitro-2-methylphenol	13.29	198	46720	36.36	ng		77
65) n-Nitrosodiphenylamine	13.31	169	339801	48.38	ng		99
66) 4-Bromophenyl-phenylether	13.87	248	97807	48.15	ng		98
67) Hexachlorobenzene	13.96	284	95919	47.92	ng	#	91
68) Atrazine	14.24	200	99756	51.03	ng		98
69) Pentachlorophenol	14.33	266	50883	68.11	ng		99
70) Phenanthrene	14.60	178	519168	46.03	ng		98
71) Anthracene	14.69	178	540226	45.88	ng		98
72) Carbazole	14.99	167	480643	41.89	ng		97
73) Di-n-butylphthalate	15.59	149	599555	49.11	ng	#	97
74) Fluoranthene	16.39	202	456634	40.91	ng		99
76) Benzidine	16.62	184	214280	46.04	ng	#	91
77) Pyrene	16.69	202	451135	49.89	ng		99
79) Butylbenzylphthalate	17.62	149	199891	50.62	ng		91
80) Benzo(a)anthracene	18.28	228	332964	47.26	ng		97
81) 3,3'-Dichlorobenzidine	18.26	252	99644	39.78	ng	#	96
82) Chrysene	18.32	228	324827	46.13	ng		99
83) Bis(2-ethylhexyl)phthalate	18.36	149	271310	48.71	ng	#	98
84) Di-n-octyl phthalate	19.13	149	418114	45.55	ng		97
85) Indeno(1,2,3-cd)pyrene	21.11	276	322473	53.53	ng		99
87) Benzo(b)fluoranthene	19.55	252	346091	44.47	ng		97
88) Benzo(k)fluoranthene	19.58	252	317242	42.65	ng		96
89) Benzo(a)pyrene	19.90	252	324529	45.37	ng		99
90) Dibenzo(a,h)anthracene	21.11	278	278002	45.82	ng		98
91) Benzo(g,h,i)perylene	21.44	276	264636	42.78	ng		100

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

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