Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
Data File : BF099481.D
Acq On : 14 Oct 2017 17:15
Operator : SJ/JU
Sample : PB103259BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103259BS

Manual Integrations APPROVED
Sohil
10/15/2017 12:41:22 PM

Quant Time: Oct 15 00:05:37 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 23:44:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	97087	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	403809	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	182473	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	317750	20.00	ng		0.00
75) Chrysene-d12	14.02	240	196839	20.00	ng		0.00
86) Perylene-d12	15.49	264	153912	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	675491	110.76	ng		0.01
7) Phenol-d6	6.49	99	811370	107.84	ng		0.00
23) Nitrobenzene-d5	7.42	82	488736	77.62	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	164840	110.40	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	927360	84.84	ng		0.00
78) Terphenyl-d14	12.96	244	771662	89.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	95055	32.63	ng		94
3) Pyridine	3.49	79	253944	32.22	ng		96
4) n-Nitrosodimethylamine	3.44	42	103359	30.93	ng		80
6) Aniline	6.52	93	245768	24.20	ng		98
8) 2-Chlorophenol	6.64	128	253483	36.70	ng		98
9) Benzaldehyde	6.41	77	79276	18.16	ng		91
10) Phenol	6.50	94	309608	36.80	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	235770	36.04	ng		96
12) 1,3-Dichlorobenzene	6.79	146	275071	38.03	ng		96
13) 1,4-Dichlorobenzene	6.87	146	276222	37.53	ng		98
14) 1,2-Dichlorobenzene	7.02	146	256087	37.66	ng		97
15) Benzyl Alcohol	7.00	79	190120	34.45	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	330262	32.41	ng		88
17) 2-Methylphenol	7.11	107	207845	36.78	ng		98
18) Hexachloroethane	7.36	117	97375	36.81	ng		93
19) n-Nitroso-di-n-propylamine	7.26	70	157018	32.69	ng		95
20) 3+4-Methylphenols	7.26	107	250715	35.07	ng	#	68
22) Acetophenone	7.26	105	329813	33.71	ng	#	97
24) Nitrobenzene	7.44	77	251329	35.19	ng		95
25) Isophorone	7.67	82	460228	35.35	ng		99
26) 2-Nitrophenol	7.75	139	139098	40.50	ng		93
27) 2,4-Dimethylphenol	7.79	122	224134	34.55	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	298394	36.78	ng		99
29) 2,4-Dichlorophenol	8.00	162	210994	37.89	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	215323	38.66	ng		97
31) Naphthalene	8.16	128	714095	37.65	ng		100
32) Benzoic acid	7.92	122	96665	18.14	ng		95
33) 4-Chloroaniline	8.21	127	130809	16.52	ng		96
34) Hexachlorobutadiene	8.27	225	106068	36.97	ng		99
35) Caprolactam	8.58	113	66585m	37.27	ng		
36) 4-Chloro-3-methylphenol	8.70	107	218138	34.85	ng		94
37) 2-Methylnaphthalene	8.85	142	494149	40.08	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	197144	36.23	ng		99
40) Hexachlorocyclopentadiene	9.00	237	120947	48.63	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	131799	34.19	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	135261	35.15	ng		95
45) 1,1'-Biphenyl	9.31	154	574979	36.66	ng		98
46) 2-Chloronaphthalene	9.34	162	450901	38.29	ng		97
47) 2-Nitroaniline	9.44	65	126354	35.05	ng		94
48) Acenaphthylene	9.76	152	677089	37.56	ng		100
49) Dimethylphthalate	9.61	163	518511	37.65	ng		99
50) 2,6-Dinitrotoluene	9.68	165	115347	38.47	ng		87
51) Acenaphthene	9.93	154	401030	35.12	ng		99
52) 3-Nitroaniline	9.85	138	82887	23.71	ng		95
53) 2,4-Dinitrophenol	9.97	184	61223	42.19	ng		89
54) Dibenzofuran	10.10	168	597217	39.28	ng		99
55) 4-Nitrophenol	10.02	139	128750	43.55	ng		90
56) 2,4-Dinitrotoluene	10.09	165	148682	38.21	ng	#	96
57) Fluorene	10.44	166	475780	38.94	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	102448	38.54	ng		98
59) Diethylphthalate	10.31	149	499520	37.12	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	211300	38.50	ng		98
61) 4-Nitroaniline	10.47	138	125708	37.27	ng		91
62) Azobenzene	10.59	77	472952	38.22	ng		91
64) 4,6-Dinitro-2-methylphenol	10.50	198	56660	29.31	ng		89
65) n-Nitrosodiphenylamine	10.55	169	420649	38.21	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	123683	39.77	ng	#	89
67) Hexachlorobenzene	10.99	284	125134	37.67	ng		99
68) Atrazine	11.07	200	132293	39.94	ng		99
69) Pentachlorophenol	11.19	266	88894	43.00	ng		98
70) Phenanthrene	11.40	178	676102	39.75	ng		98
71) Anthracene	11.46	178	693394	39.84	ng		99
72) Carbazole	11.62	167	634942	37.26	ng		99
73) Di-n-butylphthalate	11.93	149	777896	37.92	ng		98
74) Fluoranthene	12.59	202	667899	38.78	ng		99
76) Benzidine	12.72	184	230860	31.71	ng		98
77) Pyrene	12.82	202	674171	44.92	ng		100
79) Butylbenzylphthalate	13.43	149	297548	42.18	ng		97
80) Benzo(a)anthracene	14.01	228	472974	39.68	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	97242	22.26	ng		97
82) Chrysene	14.05	228	452588	39.88	ng		98
83) Bis(2-ethylhexyl)phthalate	13.98	149	380476	39.17	ng	#	98
84) Di-n-octyl phthalate	14.59	149	536128	34.28	ng		95
85) Indeno(1,2,3-cd)pyrene	16.99	276	395525	43.57	ng		96
87) Benzo(b)fluoranthene	15.06	252	360564	38.10	ng		98
88) Benzo(k)fluoranthene	15.09	252	366847	39.25	ng		99
89) Benzo(a)pyrene	15.43	252	346424	39.88	ng		98
90) Dibenzo(a,h)anthracene	16.99	278	328685	47.28	ng		98
91) Benzo(g,h,i)perylene	17.43	276	346079	50.36	ng		98

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

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