Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099093.D
Acq On : 5 Oct 2017 9:45
Operator : SJ/JU
Sample : PB102898BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB102898BS

Manual Integrations APPROVED
Sohil
10/6/2017 5:35:52 PM

Quant Time: Oct 06 14:12:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	143698	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	610665	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	286603	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	499093	20.00	ng		0.00
75) Chrysene-d12	14.03	240	382042	20.00	ng		0.00
86) Perylene-d12	15.50	264	333286	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1002901	111.10	ng		0.02
7) Phenol-d6	6.50	99	1222642	109.80	ng		0.00
23) Nitrobenzene-d5	7.43	82	738687	77.57	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	267707	114.15	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1348992	78.58	ng		0.00
78) Terphenyl-d14	12.97	244	1223699	72.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	134903	31.285	ng		98
3) Pyridine	3.50	79	374999	32.148	ng		96
4) n-Nitrosodimethylamine	3.46	42	165853	33.530	ng		89
6) Aniline	6.53	93	456176	30.353	ng		99
8) 2-Chlorophenol	6.66	128	374337	36.619	ng		95
9) Benzaldehyde	6.42	77	174955	27.085	ng		97
10) Phenol	6.52	94	470383	37.770	ng		98
11) bis(2-Chloroethyl)ether	6.60	93	355143	36.682	ng		98
12) 1,3-Dichlorobenzene	6.81	146	390662	36.491	ng		98
13) 1,4-Dichlorobenzene	6.89	146	394572	36.224	ng		97
14) 1,2-Dichlorobenzene	7.04	146	368369	36.600	ng		98
15) Benzyl Alcohol	7.01	79	308151	37.721	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	533677	35.380	ng		97
17) 2-Methylphenol	7.12	107	320048	38.263	ng		97
18) Hexachloroethane	7.37	117	140815	35.966	ng		95
19) n-Nitroso-di-n-propylamine	7.28	70	245660	34.553	ng		97
20) 3+4-Methylphenols	7.27	107	383340	36.228	ng	#	74
22) Acetophenone	7.28	105	502331	33.952	ng	#	95
24) Nitrobenzene	7.45	77	382953	35.453	ng		98
25) Isophorone	7.69	82	733024	37.233	ng		98
26) 2-Nitrophenol	7.76	139	213051	41.016	ng		96
27) 2,4-Dimethylphenol	7.80	122	363548	37.061	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	461656	37.628	ng		100
29) 2,4-Dichlorophenol	8.00	162	323166	38.371	ng		100
30) 1,2,4-Trichlorobenzene	8.09	180	313939	37.269	ng		99
31) Naphthalene	8.17	128	1063483	37.080	ng		100
32) Benzoic acid	7.93	122	202039	25.074	ng		97
33) 4-Chloroaniline	8.22	127	286737	23.941	ng		99
34) Hexachlorobutadiene	8.29	225	154406	35.588	ng		98
35) Caprolactam	8.60	113	107552m	39.810	ng		
36) 4-Chloro-3-methylphenol	8.70	107	345295	36.475	ng		95
37) 2-Methylnaphthalene	8.86	142	745308	39.974	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	287905	33.684	ng		99
40) Hexachlorocyclopentadiene	9.01	237	250414	64.108	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	211078	34.859	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	225230	37.261	ng		97
45) 1,1'-Biphenyl	9.33	154	863537	35.058	ng		99
46) 2-Chloronaphthalene	9.35	162	675765	36.539	ng		98
47) 2-Nitroaniline	9.45	65	210917	37.245	ng		93
48) Acenaphthylene	9.77	152	1049084	37.055	ng		99
49) Dimethylphthalate	9.63	163	804345	37.184	ng		100
50) 2,6-Dinitrotoluene	9.69	165	181195	38.476	ng		92
51) Acenaphthene	9.94	154	613850	34.229	ng		99
52) 3-Nitroaniline	9.86	138	155207	28.266	ng		92
53) 2,4-Dinitrophenol	9.97	184	166332	68.727	ng		92
54) Dibenzofuran	10.12	168	924133	38.702	ng		99
55) 4-Nitrophenol	10.03	139	308511	66.446	ng		91
56) 2,4-Dinitrotoluene	10.10	165	243510	39.843	ng		95
57) Fluorene	10.46	166	716783	37.347	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	165379	39.606	ng		98
59) Diethylphthalate	10.33	149	771947	36.521	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	319289	37.035	ng		95
61) 4-Nitroaniline	10.48	138	217618	41.079	ng		89
62) Azobenzene	10.60	77	749189	38.549	ng		96
64) 4,6-Dinitro-2-methylphenol	10.51	198	113675	37.435	ng		78
65) n-Nitrosodiphenylamine	10.57	169	651639	37.689	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	191997	39.301	ng		96
67) Hexachlorobenzene	11.00	284	190563	36.522	ng		95
68) Atrazine	11.09	200	207367	39.863	ng		99
69) Pentachlorophenol	11.20	266	191714	59.038	ng		99
70) Phenanthrene	11.42	178	1024554	38.351	ng		99
71) Anthracene	11.47	178	1075922	39.361	ng		100
72) Carbazole	11.63	167	1012024	37.807	ng		100
73) Di-n-butylphthalate	11.94	149	1221669	37.917	ng		99
74) Fluoranthene	12.60	202	1065862	39.400	ng		99
76) Benzidine	12.73	184	576793	40.819	ng		98
77) Pyrene	12.84	202	1099599	37.745	ng		99
79) Butylbenzylphthalate	13.44	149	533753	38.985	ng		96
80) Benzo(a)anthracene	14.02	228	912520	39.446	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	216604	25.541	ng		99
82) Chrysene	14.06	228	846924	38.454	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	731946	38.825	ng	#	99
84) Di-n-octyl phthalate	14.61	149	1204489	39.678	ng		97
85) Indeno(1,2,3-cd)pyrene	16.99	276	692002	39.278	ng		96
87) Benzo(b)fluoranthene	15.07	252	840105m	40.997	ng		
88) Benzo(k)fluoranthene	15.11	252	716156	35.384	ng		98
89) Benzo(a)pyrene	15.44	252	744417	39.576	ng	#	97
90) Dibenzo(a,h)anthracene	17.01	278	563346	37.423	ng		97
91) Benzo(g,h,i)perylene	17.44	276	568687	38.218	ng		95

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

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