Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098959.D
Acq On : 30 Sep 2017 13:36
Operator : SJ/JU
Sample : PB102773BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB102773BS

Manual Integrations APPROVED
Sohil
10/2/2017 5:44:15 PM

Quant Time: Oct 01 00:16:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	156155	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	673189	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	331137	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	608602	20.00	ng		0.00
75) Chrysene-d12	14.09	240	417260	20.00	ng		0.00
86) Perylene-d12	15.57	264	293968	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1181351	120.43	ng		0.01
7) Phenol-d6	6.55	99	1459737	120.63	ng		0.00
23) Nitrobenzene-d5	7.48	82	916756	87.33	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	348643	128.67	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1685432	84.97	ng		0.00
78) Terphenyl-d14	13.03	244	1542403	84.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	156636	33.428	ng		98
3) Pyridine	3.58	79	457557	36.096	ng		99
4) n-Nitrosodimethylamine	3.54	42	215029	40.003	ng		97
6) Aniline	6.58	93	489285	29.959	ng		99
8) 2-Chlorophenol	6.70	128	437281	39.364	ng		98
9) Benzaldehyde	6.47	77	240874	34.315	ng		98
10) Phenol	6.56	94	555222	41.026	ng		99
11) bis(2-Chloroethyl)ether	6.65	93	424567	40.354	ng		98
12) 1,3-Dichlorobenzene	6.86	146	455040	39.113	ng		99
13) 1,4-Dichlorobenzene	6.93	146	459248	38.799	ng		99
14) 1,2-Dichlorobenzene	7.09	146	428082	39.140	ng		99
15) Benzyl Alcohol	7.06	79	384055	43.262	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	661829	40.376	ng		98
17) 2-Methylphenol	7.16	107	383824	42.228	ng		99
18) Hexachloroethane	7.43	117	168948	39.710	ng		96
19) n-Nitroso-di-n-propylamine	7.33	70	301021	38.962	ng		99
20) 3+4-Methylphenols	7.32	107	459824	39.989	ng	#	87
22) Acetophenone	7.33	105	598979	36.724	ng	#	96
24) Nitrobenzene	7.50	77	461646	38.768	ng		99
25) Isophorone	7.74	82	910772	41.965	ng		99
26) 2-Nitrophenol	7.82	139	252972	44.178	ng		90
27) 2,4-Dimethylphenol	7.85	122	440847	40.767	ng		100
28) bis(2-Chloroethoxy)methane	7.95	93	568333	42.021	ng		100
29) 2,4-Dichlorophenol	8.05	162	392812	42.308	ng		100
30) 1,2,4-Trichlorobenzene	8.14	180	371945	40.054	ng		99
31) Naphthalene	8.22	128	1261548	39.901	ng		100
32) Benzoic acid	7.98	122	311144	35.027	ng		100
33) 4-Chloroaniline	8.26	127	321869	24.378	ng		99
34) Hexachlorobutadiene	8.33	225	186532	38.999	ng		99
35) Caprolactam	8.65	113	150594m	50.565	ng		
36) 4-Chloro-3-methylphenol	8.75	107	432609	41.454	ng		95
37) 2-Methylnaphthalene	8.91	142	907810	44.168	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	340874	34.517	ng		98
40) Hexachlorocyclopentadiene	9.06	237	396724	87.906	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	275453	39.373	ng		100
43) 2,4,5-Trichlorophenol	9.23	196	286647	41.044	ng		99
45) 1,1'-Biphenyl	9.37	154	1055338	37.082	ng		99
46) 2-Chloronaphthalene	9.40	162	828660	38.781	ng		98
47) 2-Nitroaniline	9.50	65	280379	42.853	ng		99
48) Acenaphthylene	9.82	152	1294777	39.583	ng		100
49) Dimethylphthalate	9.68	163	1053787	42.164	ng		100
50) 2,6-Dinitrotoluene	9.74	165	233231	42.865	ng		99
51) Acenaphthene	9.99	154	791909	38.219	ng		99
52) 3-Nitroaniline	9.91	138	175281	27.628	ng		94
53) 2,4-Dinitrophenol	10.02	184	227614	80.325	ng		96
54) Dibenzofuran	10.16	168	1158706	42.000	ng		97
55) 4-Nitrophenol	10.07	139	419998	78.292	ng		96
56) 2,4-Dinitrotoluene	10.15	165	318295	45.075	ng		100
57) Fluorene	10.51	166	888656	40.076	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	223018	46.227	ng		98
59) Diethylphthalate	10.37	149	1071440	43.873	ng		99
60) 4-Chlorophenyl-phenylether	10.49	204	400109	40.168	ng		98
61) 4-Nitroaniline	10.53	138	262540	42.894	ng		94
62) Azobenzene	10.66	77	989319	44.059	ng		97
64) 4,6-Dinitro-2-methylphenol	10.56	198	145524	39.300	ng		86
65) n-Nitrosodiphenylamine	10.62	169	843290	39.997	ng		100
66) 4-Bromophenyl-phenylether	10.99	248	245816	41.264	ng		94
67) Hexachlorobenzene	11.05	284	245317	38.556	ng		97
68) Atrazine	11.14	200	275605	43.447	ng		98
69) Pentachlorophenol	11.25	266	283165	71.510	ng		99
70) Phenanthrene	11.47	178	1297805	39.838	ng		99
71) Anthracene	11.52	178	1350315	40.511	ng		100
72) Carbazole	11.67	167	1281101	39.248	ng		99
73) Di-n-butylphthalate	12.00	149	1641305	41.775	ng		100
74) Fluoranthene	12.66	202	1351263	40.963	ng		99
76) Benzidine	12.77	184	573705	37.174	ng		99
77) Pyrene	12.89	202	1355363	42.598	ng		99
79) Butylbenzylphthalate	13.50	149	697443	46.641	ng		96
80) Benzo(a)anthracene	14.07	228	1049916	41.554	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	259946	28.065	ng		99
82) Chrysene	14.12	228	960328	39.923	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	956827	46.470	ng	#	100
84) Di-n-octyl phthalate	14.66	149	1458462	43.990	ng		98
85) Indeno(1,2,3-cd)pyrene	17.09	276	680014	35.340	ng		97
87) Benzo(b)fluoranthene	15.14	252	791882	43.812	ng		98
88) Benzo(k)fluoranthene	15.17	252	745853	41.780	ng		99
89) Benzo(a)pyrene	15.52	252	702482	42.341	ng		99
90) Dibenzo(a,h)anthracene	17.11	278	561866	42.317	ng		99
91) Benzo(g,h,i)perylene	17.55	276	567407	43.232	ng		97

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

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