Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100798.D
Acq On : 22 Nov 2017 00:08
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/22/2017 5:04:44 PM

Quant Time: Nov 22 07:24:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	109245	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	437174	20.00	ng		-0.01
38) Acenaphthene-d10	9.92	164	197856	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	332568	20.00	ng		0.00
75) Chrysene-d12	14.04	240	217344	20.00	ng		0.00
86) Perylene-d12	15.51	264	224618	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	535687	78.60	ng		0.00
7) Phenol-d6	6.51	99	669702	79.69	ng		0.00
23) Nitrobenzene-d5	7.45	82	606679	91.75	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	159243	78.98	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1140430	87.77	ng		0.00
78) Terphenyl-d14	12.98	244	793663	83.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	120998	36.432	ng		98
3) Pyridine	3.42	79	334315	36.896	ng		95
4) n-Nitrosodimethylamine	3.39	42	158861	36.111	ng	#	98
6) Aniline	6.55	93	446703	37.624	ng		100
8) 2-Chlorophenol	6.66	128	296480	41.122	ng		98
9) Benzaldehyde	6.43	77	215001	35.824	ng		98
10) Phenol	6.52	94	369458	41.878	ng		95
11) bis(2-Chloroethyl)ether	6.62	93	284428	38.383	ng		98
12) 1,3-Dichlorobenzene	6.82	146	345420	41.556	ng		97
13) 1,4-Dichlorobenzene	6.89	146	349976	41.599	ng		98
14) 1,2-Dichlorobenzene	7.05	146	322987	41.523	ng		95
15) Benzyl Alcohol	7.02	79	257090	39.197	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	416623	35.152	ng		99
17) 2-Methylphenol	7.13	107	252659	41.008	ng		100
18) Hexachloroethane	7.39	117	100967	36.399	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	219776	37.709	ng		99
20) 3+4-Methylphenols	7.28	107	301032	38.611	ng	#	87
22) Acetophenone	7.29	105	417123	39.128	ng	#	99
24) Nitrobenzene	7.46	77	300291	44.122	ng		99
25) Isophorone	7.70	82	529304	38.091	ng		97
26) 2-Nitrophenol	7.77	139	152761	47.887	ng		95
27) 2,4-Dimethylphenol	7.81	122	252241	40.494	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	353570	38.899	ng		100
29) 2,4-Dichlorophenol	8.02	162	254239	42.754	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	277367	43.120	ng		97
31) Naphthalene	8.18	128	858427	40.768	ng		100
32) Benzoic acid	7.93	122	154476m	35.433	ng		
33) 4-Chloroaniline	8.23	127	362915	41.406	ng		99
34) Hexachlorobutadiene	8.29	225	161609	42.256	ng		100
35) Caprolactam	8.62	113	80485	39.439	ng		99
36) 4-Chloro-3-methylphenol	8.71	107	254290	39.816	ng		98
37) 2-Methylnaphthalene	8.87	142	562054	40.206	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	297320	45.310	ng	#	97
40) Hexachlorocyclopentadiene	9.02	237	39767	12.876	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	184104	44.268	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	192015	44.563	ng	#	91
45) 1,1'-Biphenyl	9.34	154	734686	42.933	ng		98
46) 2-Chloronaphthalene	9.36	162	534151	43.026	ng		97
47) 2-Nitroaniline	9.46	65	168822	46.137	ng		96
48) Acenaphthylene	9.78	152	847970	41.216	ng		100
49) Dimethylphthalate	9.64	163	660755	43.740	ng		99
50) 2,6-Dinitrotoluene	9.70	165	137521	45.990	ng	#	85
51) Acenaphthene	9.95	154	496879	39.711	ng		100
52) 3-Nitroaniline	9.87	138	157713	44.665	ng		93
53) 2,4-Dinitrophenol	9.97	184	14295	21.610	ng	#	14
54) Dibenzofuran	10.12	168	693928	39.569	ng		99
55) 4-Nitrophenol	10.03	139	94415	32.930	ng		85
56) 2,4-Dinitrotoluene	10.10	165	169244	44.865	ng	#	90
57) Fluorene	10.46	166	542454	42.224	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.24	232	131640	37.277	ng	#	85
59) Diethylphthalate	10.33	149	626028	41.411	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	274573	43.567	ng		95
61) 4-Nitroaniline	10.49	138	147284	43.989	ng		88
62) Azobenzene	10.62	77	510005	35.819	ng		94
64) 4,6-Dinitro-2-methylphenol	10.52	198	34815	25.602	ng	#	72
65) n-Nitrosodiphenylamine	10.57	169	533469	46.133	ng		95
66) 4-Bromophenyl-phenylether	10.95	248	167318	46.932	ng	#	85
67) Hexachlorobenzene	11.01	284	166644	44.693	ng	#	90
68) Atrazine	11.10	200	157001	44.853	ng		97
69) Pentachlorophenol	11.20	266	106560	39.856	ng		98
70) Phenanthrene	11.43	178	710045	40.550	ng		98
71) Anthracene	11.48	178	713630	40.171	ng		99
72) Carbazole	11.63	167	612751	37.382	ng		99
73) Di-n-butylphthalate	11.96	149	860562	44.862	ng		98
74) Fluoranthene	12.62	202	628929	33.891	ng		95
76) Benzidine	12.73	184	327309	37.604	ng		98
77) Pyrene	12.84	202	636438	41.079	ng		99
79) Butylbenzylphthalate	13.45	149	267812	42.386	ng		95
80) Benzo(a)anthracene	14.03	228	551698	42.152	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	206991	44.140	ng	#	98
82) Chrysene	14.07	228	519032	40.951	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	335178	40.334	ng		98
84) Di-n-octyl phthalate	14.62	149	564718	39.557	ng		98
85) Indeno(1,2,3-cd)pyrene	17.01	276	500524	48.824	ng		95
87) Benzo(b)fluoranthene	15.08	252	562185	42.246	ng		98
88) Benzo(k)fluoranthene	15.12	252	507376m	40.352	ng		
89) Benzo(a)pyrene	15.46	252	495448	41.996	ng		98
90) Dibenzo(a,h)anthracene	17.02	278	423752	43.921	ng		98
91) Benzo(g,h,i)perylene	17.45	276	396644	41.998	ng		95

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

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