Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098471.D
Acq On : 13 Sep 2017 00:57
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
9/13/2017 5:00:25 PM

Quant Time: Sep 13 02:45:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	178904	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	702134	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	263625	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	403788	20.00	ng		0.00
75) Chrysene-d12	13.81	240	328300	20.00	ng		0.00
86) Perylene-d12	15.21	264	260383	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	976990	80.74	ng		0.00
7) Phenol-d6	6.32	99	1162163	75.65	ng		0.00
23) Nitrobenzene-d5	7.24	82	972854	77.24	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	142385	80.92	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	1458880	93.80	ng		0.00
78) Terphenyl-d14	12.76	244	1109848	72.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	235361	37.686	ng		88
3) Pyridine	2.96	79	639058	38.531	ng	#	85
4) n-Nitrosodimethylamine	2.92	42	289556	35.611	ng		95
6) Aniline	6.33	93	705878	36.624	ng	#	35
8) 2-Chlorophenol	6.45	128	522345	39.258	ng		92
9) Benzaldehyde	6.22	77	380154	37.853	ng		96
10) Phenol	6.33	94	672776	37.702	ng	#	72
11) bis(2-Chloroethyl)ether	6.40	93	507509	37.721	ng		93
12) 1,3-Dichlorobenzene	6.60	146	533562	39.841	ng		97
13) 1,4-Dichlorobenzene	6.68	146	536047	39.077	ng		94
14) 1,2-Dichlorobenzene	6.83	146	489888	39.198	ng		99
15) Benzyl Alcohol	6.82	79	376058	36.780	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	797179	36.011	ng		88
17) 2-Methylphenol	6.94	107	404901	37.319	ng	#	91
18) Hexachloroethane	7.17	117	153572	29.232	ng		88
19) n-Nitroso-di-n-propylamine	7.09	70	349058	36.121	ng		97
20) 3+4-Methylphenols	7.09	107	524796	38.329	ng	#	71
22) Acetophenone	7.08	105	722793	39.830	ng	#	91
24) Nitrobenzene	7.26	77	553103	38.555	ng		95
25) Isophorone	7.49	82	945902	37.121	ng		99
26) 2-Nitrophenol	7.57	139	226231	39.057	ng	#	82
27) 2,4-Dimethylphenol	7.62	122	428320	38.791	ng		96
28) bis(2-Chloroethoxy)methane	7.70	93	608601	39.142	ng		99
29) 2,4-Dichlorophenol	7.82	162	374666	40.799	ng		95
30) 1,2,4-Trichlorobenzene	7.89	180	406922	40.735	ng		99
31) Naphthalene	7.97	128	1341186	38.639	ng		100
32) Benzoic acid	7.75	122	229557	33.816	ng		97
33) 4-Chloroaniline	8.03	127	546404	38.734	ng		98
34) Hexachlorobutadiene	8.09	225	214303	41.788	ng		98
35) Caprolactam	8.40	113	113934	35.979	ng	#	67
36) 4-Chloro-3-methylphenol	8.52	107	416261	36.550	ng	#	83
37) 2-Methylnaphthalene	8.66	142	787386	37.449	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	381313	46.435	ng		99
40) Hexachlorocyclopentadiene	8.81	237	1209	10.272	ng		86

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	228292	47.330	ng		93
43) 2,4,5-Trichlorophenol	8.99	196	223081	44.249	ng		95
45) 1,1'-Biphenyl	9.13	154	1035306	43.876	ng		97
46) 2-Chloronaphthalene	9.15	162	718726	42.650	ng		95
47) 2-Nitroaniline	9.25	65	268264	41.476	ng		93
48) Acenaphthylene	9.56	152	1023194	40.836	ng		98
49) Dimethylphthalate	9.43	163	866294	42.451	ng		99
50) 2,6-Dinitrotoluene	9.49	165	168722	40.251	ng	#	70
51) Acenaphthene	9.73	154	636582	39.968	ng		97
52) 3-Nitroaniline	9.66	138	210098	41.521	ng		99
53) 2,4-Dinitrophenol	9.79	184	3090	9.918	ng		91
54) Dibenzofuran	9.90	168	815298	38.856	ng		99
55) 4-Nitrophenol	9.85	139	102606	35.295	ng	#	56
56) 2,4-Dinitrotoluene	9.90	165	184197	36.145	ng	#	53
57) Fluorene	10.25	166	647981	37.311	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	131401	38.782	ng		98
59) Diethylphthalate	10.12	149	787084	40.556	ng		99
60) 4-Chlorophenyl-phenylether	10.24	204	323452	40.322	ng		88
61) 4-Nitroaniline	10.27	138	191307	37.437	ng		89
62) Azobenzene	10.40	77	705931	33.749	ng		97
64) 4,6-Dinitro-2-methylphenol	10.31	198	10547	8.782	ng		87
65) n-Nitrosodiphenylamine	10.36	169	596358	45.485	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	171718	44.808	ng		92
67) Hexachlorobenzene	10.79	284	167141	42.997	ng	#	85
68) Atrazine	10.89	200	161304	39.962	ng		98
69) Pentachlorophenol	10.99	266	64693	41.274	ng		94
70) Phenanthrene	11.20	178	849635	39.691	ng		99
71) Anthracene	11.26	178	873403	39.741	ng		97
72) Carbazole	11.42	167	794655	38.797	ng		98
73) Di-n-butylphthalate	11.74	149	1046978	42.663	ng		99
74) Fluoranthene	12.39	202	851033	39.714	ng		98
76) Benzidine	12.52	184	520037	35.792	ng		95
77) Pyrene	12.62	202	900386	34.766	ng		98
79) Butylbenzylphthalate	13.23	149	420734	37.447	ng	#	73
80) Benzo(a)anthracene	13.80	228	753237	39.134	ng		100
81) 3,3'-Dichlorobenzidine	13.77	252	314968	42.108	ng	#	96
82) Chrysene	13.84	228	748736	38.483	ng		100
83) Bis(2-ethylhexyl)phthalate	13.79	149	569940	40.419	ng		98
84) Di-n-octyl phthalate	14.40	149	1068861	44.181	ng		98
85) Indeno(1,2,3-cd)pyrene	16.56	276	523551	38.355	ng		98
87) Benzo(b)fluoranthene	14.82	252	692926	42.323	ng		97
88) Benzo(k)fluoranthene	14.84	252	600624m	39.297	ng		
89) Benzo(a)pyrene	15.16	252	593113	40.664	ng		98
90) Dibenzo(a,h)anthracene	16.56	278	441615	41.621	ng		96
91) Benzo(g,h,i)perylene	16.96	276	422398	39.580	ng		99

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

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