Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098312.D
Acq On : 7 Sep 2017 14:26
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/8/2017 5:45:07 PM

Quant Time: Sep 07 17:21:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	111485	20.00	ng		-0.02
21) Naphthalene-d8	7.97	136	445018	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	201250	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	379939	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	272087	20.00	ng		-0.02
86) Perylene-d12	15.24	264	213722	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	582106	79.42	ng		-0.02
7) Phenol-d6	6.33	99	802070	80.54	ng		-0.02
23) Nitrobenzene-d5	7.26	82	723459	88.31	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	150072	85.94	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	1052555	76.84	ng		-0.02
78) Terphenyl-d14	12.79	244	1003828	76.94	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	161173	39.430	ng		87
3) Pyridine	3.01	79	446833	39.543	ng	#	85
4) n-Nitrosodimethylamine	2.98	42	157769	36.286	ng	#	78
6) Aniline	6.35	93	531683	38.005	ng	#	62
8) 2-Chlorophenol	6.47	128	316589	40.958	ng		98
9) Benzaldehyde	6.23	77	224028	35.516	ng		89
10) Phenol	6.35	94	454880	39.056	ng		79
11) bis(2-Chloroethyl)ether	6.43	93	354232	40.296	ng		97
12) 1,3-Dichlorobenzene	6.63	146	337127	40.548	ng	#	95
13) 1,4-Dichlorobenzene	6.70	146	340366	40.251	ng	#	94
14) 1,2-Dichlorobenzene	6.86	146	314917	40.389	ng		99
15) Benzyl Alcohol	6.84	79	269234	36.111	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	441690	37.344	ng		85
17) 2-Methylphenol	6.96	107	273267	40.118	ng		95
18) Hexachloroethane	7.20	117	133451	40.253	ng	#	83
19) n-Nitroso-di-n-propylamine	7.12	70	251291	36.862	ng	#	88
20) 3+4-Methylphenols	7.11	107	329043	39.550	ng		96
22) Acetophenone	7.10	105	447512	38.066	ng	#	86
24) Nitrobenzene	7.28	77	392791	43.064	ng		97
25) Isophorone	7.52	82	666562	39.132	ng		98
26) 2-Nitrophenol	7.59	139	166240	50.054	ng	#	82
27) 2,4-Dimethylphenol	7.64	122	290778	40.931	ng		97
28) bis(2-Chloroethoxy)methane	7.73	93	450553	40.233	ng		98
29) 2,4-Dichlorophenol	7.84	162	248263	42.100	ng		96
30) 1,2,4-Trichlorobenzene	7.92	180	263173	40.258	ng		99
31) Naphthalene	8.00	128	923362	39.967	ng		99
32) Benzoic acid	7.78	122	154454m	32.263	ng		
33) 4-Chloroaniline	8.05	127	396401	40.684	ng		98
34) Hexachlorobutadiene	8.11	225	157178	41.180	ng		98
35) Caprolactam	8.43	113	86793	43.294	ng		95
36) 4-Chloro-3-methylphenol	8.54	107	307934	40.643	ng	#	79
37) 2-Methylnaphthalene	8.69	142	569199	40.185	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	249556	40.405	ng		99
40) Hexachlorocyclopentadiene	8.84	237	111859	37.699	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	165358	39.878	ng		97
43) 2,4,5-Trichlorophenol	9.01	196	170808	41.521	ng		96
45) 1,1'-Biphenyl	9.15	154	728937	39.720	ng		97
46) 2-Chloronaphthalene	9.17	162	535643	39.502	ng	#	91
47) 2-Nitroaniline	9.27	65	207264	45.594	ng		94
48) Acenaphthylene	9.59	152	831788	39.062	ng		99
49) Dimethylphthalate	9.46	163	604493	41.092	ng		100
50) 2,6-Dinitrotoluene	9.52	165	129146	43.981	ng	#	70
51) Acenaphthene	9.76	154	505509	37.641	ng		99
52) 3-Nitroaniline	9.69	138	167863	44.308	ng		95
53) 2,4-Dinitrophenol	9.80	184	53164	43.378	ng	#	78
54) Dibenzofuran	9.93	168	684055	38.005	ng		98
55) 4-Nitrophenol	9.86	139	98818	32.698	ng	#	41
56) 2,4-Dinitrotoluene	9.93	165	158159	42.919	ng	#	55
57) Fluorene	10.27	166	552085	39.673	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	123166	38.671	ng		94
59) Diethylphthalate	10.15	149	597435	38.836	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	254705	39.398	ng	#	86
61) 4-Nitroaniline	10.30	138	163285	45.348	ng		77
62) Azobenzene	10.43	77	675083	36.943	ng		93
64) 4,6-Dinitro-2-methylphenol	10.34	198	86433	48.228	ng	#	69
65) n-Nitrosodiphenylamine	10.39	169	512768	39.633	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	161510	40.936	ng		92
67) Hexachlorobenzene	10.82	284	165756	41.218	ng	#	88
68) Atrazine	10.92	200	130917	38.155	ng		98
69) Pentachlorophenol	11.02	266	86278	36.797	ng		96
70) Phenanthrene	11.23	178	777128	38.385	ng		100
71) Anthracene	11.29	178	806367	39.268	ng		99
72) Carbazole	11.45	167	760241	39.003	ng		99
73) Di-n-butylphthalate	11.77	149	936445	41.709	ng		99
74) Fluoranthene	12.42	202	838757	39.691	ng		98
76) Benzidine	12.55	184	360699	40.432	ng		94
77) Pyrene	12.65	202	854473	38.397	ng		99
79) Butylbenzylphthalate	13.27	149	363968	42.659	ng	#	75
80) Benzo(a)anthracene	13.83	228	613657	37.631	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	224596	40.815	ng	#	96
82) Chrysene	13.87	228	609876	37.596	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	447984	47.383	ng	#	99
84) Di-n-octyl phthalate	14.44	149	812891	49.415	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	508878	42.643	ng		95
87) Benzo(b)fluoranthene	14.85	252	520567	38.642	ng		99
88) Benzo(k)fluoranthene	14.88	252	518724	40.984	ng	#	94
89) Benzo(a)pyrene	15.19	252	485536	40.712	ng		99
90) Dibenzo(a,h)anthracene	16.62	278	441176	45.439	ng		99
91) Benzo(g,h,i)perylene	17.02	276	447672	44.189	ng	#	91

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

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