Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101397.D
Acq On : 14 Dec 2017 17:03
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/15/2017 6:43:58 PM

Quant Time: Dec 14 23:56:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	154336	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	639762	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	292753	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	551633	20.00	ng		0.00
75) Chrysene-d12	14.00	240	442089	20.00	ng		0.00
86) Perylene-d12	15.47	264	428397	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	846325	81.68	ng		0.00
7) Phenol-d6	6.46	99	1005992	78.02	ng		0.00
23) Nitrobenzene-d5	7.39	82	922462	80.26	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	225654	79.99	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1469895	77.89	ng		0.00
78) Terphenyl-d14	12.93	244	1363111	74.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	216104	40.592	ng		96
3) Pyridine	3.31	79	606609	41.010	ng		97
4) n-Nitrosodimethylamine	3.28	42	279880	41.095	ng		96
6) Aniline	6.48	93	713063	39.793	ng		92
8) 2-Chlorophenol	6.60	128	428449	39.310	ng		98
9) Benzaldehyde	6.37	77	382599	40.176	ng		99
10) Phenol	6.47	94	586189	39.885	ng		92
11) bis(2-Chloroethyl)ether	6.56	93	459484	39.857	ng		96
12) 1,3-Dichlorobenzene	6.76	146	490180	39.849	ng		98
13) 1,4-Dichlorobenzene	6.83	146	496208	39.502	ng		99
14) 1,2-Dichlorobenzene	6.99	146	444981	39.355	ng		98
15) Benzyl Alcohol	6.96	79	351495	39.603	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	712776	40.399	ng		92
17) 2-Methylphenol	7.07	107	387074	38.608	ng		96
18) Hexachloroethane	7.32	117	172797	39.565	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	316725	37.402	ng		90
20) 3+4-Methylphenols	7.23	107	431008	40.569	ng	#	66
22) Acetophenone	7.23	105	567144	38.851	ng	#	87
24) Nitrobenzene	7.40	77	502499	39.505	ng		94
25) Isophorone	7.65	82	883715	38.330	ng		98
26) 2-Nitrophenol	7.72	139	226747	41.493	ng		98
27) 2,4-Dimethylphenol	7.76	122	358016	38.564	ng		96
28) bis(2-Chloroethoxy)methane	7.85	93	568905	38.845	ng		98
29) 2,4-Dichlorophenol	7.96	162	367284	40.045	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	377779	39.030	ng		98
31) Naphthalene	8.12	128	1234540	38.330	ng		100
32) Benzoic acid	7.91	122	225195m	37.990	ng		
33) 4-Chloroaniline	8.17	127	539632	38.549	ng		98
34) Hexachlorobutadiene	8.23	225	218007	38.943	ng		98
35) Caprolactam	8.56	113	126654	39.769	ng	#	87
36) 4-Chloro-3-methylphenol	8.66	107	399383	39.618	ng		100
37) 2-Methylnaphthalene	8.82	142	802474	38.242	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	379961	38.442	ng		97
40) Hexachlorocyclopentadiene	8.96	237	54571	40.362	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	236977	39.825	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	262878	40.347	ng		96
45) 1,1'-Biphenyl	9.27	154	987707	38.043	ng		99
46) 2-Chloronaphthalene	9.30	162	757198	38.116	ng		98
47) 2-Nitroaniline	9.41	65	281059	40.955	ng		89
48) Acenaphthylene	9.72	152	1183030	37.704	ng		99
49) Dimethylphthalate	9.57	163	890246	37.806	ng		99
50) 2,6-Dinitrotoluene	9.65	165	190402	39.783	ng	#	87
51) Acenaphthene	9.89	154	720687	38.230	ng		99
52) 3-Nitroaniline	9.83	138	244174	40.921	ng		95
53) 2,4-Dinitrophenol	9.95	184	52413	37.707	ng	#	19
54) Dibenzofuran	10.06	168	948728	39.601	ng		98
55) 4-Nitrophenol	10.00	139	109492	42.083	ng		93
56) 2,4-Dinitrotoluene	10.06	165	220952	40.976	ng	#	79
57) Fluorene	10.41	166	806442	39.792	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	190711	40.741	ng		89
59) Diethylphthalate	10.27	149	892223	38.261	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	392910	40.453	ng		95
61) 4-Nitroaniline	10.45	138	243905	40.667	ng		97
62) Azobenzene	10.56	77	918690	38.031	ng		96
64) 4,6-Dinitro-2-methylphenol	10.48	198	127345	45.238	ng		90
65) n-Nitrosodiphenylamine	10.52	169	785891	38.583	ng		96
66) 4-Bromophenyl-phenylether	10.89	248	242481	39.121	ng	#	88
67) Hexachlorobenzene	10.96	284	251526	38.342	ng		96
68) Atrazine	11.05	200	238021	39.190	ng		97
69) Pentachlorophenol	11.16	266	90375	39.080	ng		99
70) Phenanthrene	11.37	178	1164752	37.968	ng		99
71) Anthracene	11.43	178	1197665	38.220	ng		100
72) Carbazole	11.59	167	1140118	38.861	ng		99
73) Di-n-butylphthalate	11.90	149	1372791	38.552	ng		100
74) Fluoranthene	12.57	202	1251941	38.880	ng		97
76) Benzidine	12.69	184	751879	40.268	ng		97
77) Pyrene	12.80	202	1288258	38.828	ng		99
79) Butylbenzylphthalate	13.40	149	601631	40.075	ng		95
80) Benzo(a)anthracene	13.99	228	1151577	39.449	ng		100
81) 3,3'-Dichlorobenzidine	13.94	252	379686	39.889	ng		99
82) Chrysene	14.03	228	1062879	38.563	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	742424	39.044	ng		100
84) Di-n-octyl phthalate	14.57	149	1342368	39.584	ng		97
85) Indeno(1,2,3-cd)pyrene	16.96	276	938781	38.249	ng		96
87) Benzo(b)fluoranthene	15.04	252	1065830	40.818	ng		98
88) Benzo(k)fluoranthene	15.07	252	950491	37.439	ng	#	97
89) Benzo(a)pyrene	15.41	252	951015	39.508	ng		99
90) Dibenzo(a,h)anthracene	16.96	278	791505	38.297	ng		98
91) Benzo(g,h,i)perylene	17.40	276	797699	38.979	ng		95

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

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