Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100107.D
Acq On : 3 Nov 2017 2:15
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/3/2017 11:20:43 AM

Quant Time: Nov 03 08:27:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	78436	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	327196	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	147609	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	242920	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	145798	20.00	ng		-0.02
86) Perylene-d12	15.41	264	145632	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	423361	84.74	ng		0.00
7) Phenol-d6	6.42	99	492205	83.09	ng		0.00
23) Nitrobenzene-d5	7.35	82	398669	78.44	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	104765	77.88	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	800773	83.70	ng		0.00
78) Terphenyl-d14	12.88	244	584103	87.55	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	87385	39.608	ng	#	87
3) Pyridine	3.20	79	215822	40.679	ng		89
4) n-Nitrosodimethylamine	3.17	42	74428	39.268	ng	#	69
6) Aniline	6.44	93	313129	40.767	ng	#	88
8) 2-Chlorophenol	6.56	128	223106	41.900	ng		90
9) Benzaldehyde	6.33	77	135802	38.363	ng		88
10) Phenol	6.43	94	263894	40.574	ng		81
11) bis(2-Chloroethyl)ether	6.51	93	206977	41.209	ng		94
12) 1,3-Dichlorobenzene	6.71	146	245297m	41.029	ng		
13) 1,4-Dichlorobenzene	6.79	146	250634	41.305	ng		97
14) 1,2-Dichlorobenzene	6.94	146	229495	41.499	ng		97
15) Benzyl Alcohol	6.93	79	154427	40.991	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	219934	39.420	ng	#	32
17) 2-Methylphenol	7.04	107	184190	41.354	ng		95
18) Hexachloroethane	7.27	117	73589	36.351	ng		99
19) n-Nitroso-di-n-propylamine	7.19	70	143673	41.386	ng		90
20) 3+4-Methylphenols	7.19	107	227686	43.903	ng	#	59
22) Acetophenone	7.19	105	302467	40.600	ng	#	95
24) Nitrobenzene	7.36	77	203122	39.666	ng		92
25) Isophorone	7.60	82	364361	39.510	ng		96
26) 2-Nitrophenol	7.68	139	118778	40.498	ng	#	80
27) 2,4-Dimethylphenol	7.72	122	180253	41.711	ng		95
28) bis(2-Chloroethoxy)methane	7.80	93	258810	40.072	ng		100
29) 2,4-Dichlorophenol	7.93	162	189568	42.227	ng		96
30) 1,2,4-Trichlorobenzene	8.00	180	191865	40.000	ng		98
31) Naphthalene	8.07	128	626571	39.671	ng		99
32) Benzoic acid	7.89	122	144319m	37.941	ng		
33) 4-Chloroaniline	8.13	127	270054	41.407	ng		95
34) Hexachlorobutadiene	8.18	225	99245	40.226	ng		98
35) Caprolactam	8.52	113	57640	40.829	ng	#	78
36) 4-Chloro-3-methylphenol	8.63	107	183764	40.105	ng		89
37) 2-Methylnaphthalene	8.76	142	422831	39.949	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	196860	41.293	ng	#	97
40) Hexachlorocyclopentadiene	8.91	237	4094	15.049	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	120509	41.789	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	128141	41.874	ng		94
45) 1,1'-Biphenyl	9.23	154	547101	40.971	ng		99
46) 2-Chloronaphthalene	9.26	162	392061	40.428	ng		96
47) 2-Nitroaniline	9.37	65	104419	41.025	ng	#	82
48) Acenaphthylene	9.67	152	604081	40.444	ng		100
49) Dimethylphthalate	9.53	163	460417	39.388	ng		99
50) 2,6-Dinitrotoluene	9.61	165	98617	40.131	ng	#	83
51) Acenaphthene	9.84	154	369643	40.502	ng		97
52) 3-Nitroaniline	9.79	138	123137	42.527	ng	#	84
53) 2,4-Dinitrophenol	9.93	184	8127	13.534	ng	#	83
54) Dibenzofuran	10.02	168	529555	41.106	ng		97
55) 4-Nitrophenol	9.97	139	57215m	37.818	ng		
56) 2,4-Dinitrotoluene	10.02	165	126828	42.856	ng	#	88
57) Fluorene	10.36	166	426454	39.981	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	85790	39.984	ng	#	92
59) Diethylphthalate	10.23	149	460536	40.344	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	205318	40.900	ng		93
61) 4-Nitroaniline	10.40	138	109912	39.787	ng		84
62) Azobenzene	10.51	77	370117	38.678	ng		86
64) 4,6-Dinitro-2-methylphenol	10.45	198	27648	18.106	ng	#	73
65) n-Nitrosodiphenylamine	10.47	169	400918	44.709	ng		97
66) 4-Bromophenyl-phenylether	10.83	248	112597	44.029	ng		93
67) Hexachlorobenzene	10.91	284	106945	40.876	ng		94
68) Atrazine	11.00	200	114825	42.628	ng		99
69) Pentachlorophenol	11.12	266	44957	40.214	ng		99
70) Phenanthrene	11.32	178	539871	39.380	ng		98
71) Anthracene	11.37	178	548143	39.391	ng		99
72) Carbazole	11.54	167	503567	38.482	ng		98
73) Di-n-butylphthalate	11.85	149	699059	41.883	ng	#	97
74) Fluoranthene	12.52	202	469160	32.931	ng		99
76) Benzidine	12.65	184	307984	48.276	ng		98
77) Pyrene	12.75	202	467027	42.126	ng		99
79) Butylbenzylphthalate	13.35	149	227642	41.698	ng		92
80) Benzo(a)anthracene	13.94	228	362237	39.192	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	135739	40.458	ng		98
82) Chrysene	13.97	228	342505	39.417	ng		97
83) Bis(2-ethylhexyl)phthalate	13.90	149	291681	38.046	ng	#	100
84) Di-n-octyl phthalate	14.51	149	479418	36.434	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.88	276	326843	40.974	ng		96
87) Benzo(b)fluoranthene	14.99	252	341904	37.180	ng		98
88) Benzo(k)fluoranthene	15.02	252	360420	41.564	ng		99
89) Benzo(a)pyrene	15.35	252	329885	39.935	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	284855	38.808	ng		97
91) Benzo(g,h,i)perylene	17.32	276	261368	36.396	ng		96

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

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