Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099619.D
Acq On : 18 Oct 2017 16:06
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/19/2017 5:14:40 PM

Quant Time: Oct 18 22:20:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 15:18:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	106700	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	457077	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	218728	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	398733	20.00	ng		0.00
75) Chrysene-d12	14.00	240	280980	20.00	ng		0.00
86) Perylene-d12	15.46	264	204272	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	564275	84.19	ng		0.00
7) Phenol-d6	6.47	99	696308	84.21	ng		0.00
23) Nitrobenzene-d5	7.40	82	581815	81.63	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	159557	89.15	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1097367	83.76	ng		0.00
78) Terphenyl-d14	12.93	244	1066885	86.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	128543	40.147	ng	#	91
3) Pyridine	3.35	79	309346	35.715	ng		90
4) n-Nitrosodimethylamine	3.31	42	121178	32.992	ng	#	73
6) Aniline	6.50	93	435875	39.058	ng		93
8) 2-Chlorophenol	6.62	128	322204	42.448	ng		92
9) Benzaldehyde	6.39	77	166051	34.620	ng		93
10) Phenol	6.49	94	394941	42.709	ng		77
11) bis(2-Chloroethyl)ether	6.57	93	301221	41.900	ng		94
12) 1,3-Dichlorobenzene	6.77	146	339882	42.756	ng		97
13) 1,4-Dichlorobenzene	6.85	146	346755	42.873	ng		98
14) 1,2-Dichlorobenzene	7.00	146	320253	42.853	ng		97
15) Benzyl Alcohol	6.98	79	219656	36.212	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	378640	33.806	ng		82
17) 2-Methylphenol	7.09	107	253787	40.863	ng		96
18) Hexachloroethane	7.33	117	117100	40.280	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	194235	36.793	ng		92
20) 3+4-Methylphenols	7.25	107	302102	38.450	ng	#	71
22) Acetophenone	7.25	105	424291	38.314	ng	#	97
24) Nitrobenzene	7.42	77	321269	39.736	ng		96
25) Isophorone	7.66	82	586944	39.831	ng		97
26) 2-Nitrophenol	7.73	139	187412	48.204	ng	#	85
27) 2,4-Dimethylphenol	7.77	122	287979	39.222	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	381937	41.591	ng		99
29) 2,4-Dichlorophenol	7.97	162	272752	43.267	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	270550	42.911	ng		98
31) Naphthalene	8.13	128	903687	42.096	ng		99
32) Benzoic acid	7.93	122	244096	40.472	ng		94
33) 4-Chloroaniline	8.19	127	380765	42.474	ng		96
34) Hexachlorobutadiene	8.24	225	135761	41.805	ng		98
35) Caprolactam	8.57	113	90290m	44.651	ng		
36) 4-Chloro-3-methylphenol	8.67	107	303570	42.843	ng		97
37) 2-Methylnaphthalene	8.82	142	594447	42.596	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	274434	42.071	ng		98
40) Hexachlorocyclopentadiene	8.97	237	101965	34.205	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	188625	40.818	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	191983	41.617	ng		96
45) 1,1'-Biphenyl	9.29	154	776436	41.303	ng		99
46) 2-Chloronaphthalene	9.32	162	584886	41.439	ng		97
47) 2-Nitroaniline	9.42	65	168545	38.999	ng		93
48) Acenaphthylene	9.73	152	872900	40.400	ng		99
49) Dimethylphthalate	9.59	163	715507	43.342	ng		99
50) 2,6-Dinitrotoluene	9.66	165	162730	45.278	ng	#	75
51) Acenaphthene	9.90	154	527456	38.538	ng		99
52) 3-Nitroaniline	9.83	138	186670	44.545	ng		92
53) 2,4-Dinitrophenol	9.95	184	64567	37.821	ng	#	87
54) Dibenzofuran	10.07	168	719242	39.468	ng		98
55) 4-Nitrophenol	10.00	139	162053	45.733	ng		87
56) 2,4-Dinitrotoluene	10.07	165	196187	42.061	ng	#	93
57) Fluorene	10.42	166	620808	42.384	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	132596	41.609	ng		96
59) Diethylphthalate	10.29	149	664683	41.205	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	278475	42.325	ng		94
61) 4-Nitroaniline	10.45	138	177396	43.878	ng		86
62) Azobenzene	10.56	77	558851	37.679	ng		94
64) 4,6-Dinitro-2-methylphenol	10.48	198	111681	46.035	ng		80
65) n-Nitrosodiphenylamine	10.53	169	572856	41.471	ng		98
66) 4-Bromophenyl-phenylether	10.89	248	163325	41.847	ng		95
67) Hexachlorobenzene	10.96	284	177871	42.670	ng		96
68) Atrazine	11.05	200	170006	40.906	ng		98
69) Pentachlorophenol	11.16	266	95152	36.677	ng		99
70) Phenanthrene	11.38	178	873685	40.935	ng		98
71) Anthracene	11.43	178	899712	41.199	ng		99
72) Carbazole	11.59	167	869480	40.658	ng		99
73) Di-n-butylphthalate	11.90	149	1056047	41.026	ng		99
74) Fluoranthene	12.57	202	886192	41.004	ng		99
76) Benzidine	12.69	184	353665	34.031	ng		98
77) Pyrene	12.80	202	917935	42.843	ng		99
79) Butylbenzylphthalate	13.40	149	444973	44.190	ng		91
80) Benzo(a)anthracene	13.99	228	713750	41.951	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	233747	37.477	ng		99
82) Chrysene	14.03	228	682250	42.119	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	593165	42.781	ng		98
84) Di-n-octyl phthalate	14.57	149	1010174	45.246	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.94	276	493877	38.115	ng		97
87) Benzo(b)fluoranthene	15.03	252	547850	43.620	ng		97
88) Benzo(k)fluoranthene	15.06	252	554985	44.739	ng		99
89) Benzo(a)pyrene	15.40	252	491604	42.642	ng		97
90) Dibenzo(a,h)anthracene	16.94	278	396971	43.026	ng		97
91) Benzo(g,h,i)perylene	17.38	276	424652	46.562	ng		96

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

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