Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102876.D
Acq On : 9 Feb 2018 9:31
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/13/2018 4:34:39 AM

Quant Time: Feb 09 13:55:32 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	203061	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	840759	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	376871	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	661863	20.00	ng		0.00
75) Chrysene-d12	14.06	240	456223	20.00	ng		0.01
86) Perylene-d12	15.54	264	391016	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1024878	76.65	ng		0.00
7) Phenol-d6	6.52	99	1269062	78.83	ng		0.01
23) Nitrobenzene-d5	7.46	82	1150695	94.94	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	247203	81.49	ng		0.01
44) 2-Fluorobiphenyl	9.25	172	1670257	73.54	ng		0.00
78) Terphenyl-d14	13.00	244	1421808	73.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	286304	43.351	ng		88
3) Pyridine	3.42	79	758647	41.578	ng		91
4) n-Nitrosodimethylamine	3.39	42	352958	45.211	ng		90
6) Aniline	6.55	93	948988	39.915	ng		95
8) 2-Chlorophenol	6.67	128	530911	38.568	ng		96
9) Benzaldehyde	6.44	77	437673	36.607	ng		98
10) Phenol	6.53	94	743316	43.082	ng		94
11) bis(2-Chloroethyl)ether	6.62	93	555181	38.670	ng		90
12) 1,3-Dichlorobenzene	6.83	146	601519	37.735	ng		98
13) 1,4-Dichlorobenzene	6.90	146	595137	37.479	ng		98
14) 1,2-Dichlorobenzene	7.06	146	550427	37.216	ng		99
15) Benzyl Alcohol	7.03	79	508496	41.081	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	969363	35.543	ng		99
17) 2-Methylphenol	7.13	107	497348	39.169	ng		98
18) Hexachloroethane	7.40	117	223603	41.064	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	390787	36.815	ng		95
20) 3+4-Methylphenols	7.29	107	574805	36.709	ng	#	78
22) Acetophenone	7.30	105	739931	35.964	ng	#	91
24) Nitrobenzene	7.47	77	636500	44.646	ng		98
25) Isophorone	7.71	82	1088849	39.016	ng		98
26) 2-Nitrophenol	7.79	139	302589	51.002	ng		95
27) 2,4-Dimethylphenol	7.82	122	457460	38.799	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	638671	38.632	ng		100
29) 2,4-Dichlorophenol	8.03	162	427133	39.851	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	453076	37.366	ng		99
31) Naphthalene	8.19	128	1519688	36.995	ng		99
32) Benzoic acid	7.95	122	366539m	45.124	ng		
33) 4-Chloroaniline	8.24	127	679171	38.380	ng		97
34) Hexachlorobutadiene	8.30	225	232591	37.434	ng		97
35) Caprolactam	8.62	113	157844	42.405	ng	#	70
36) 4-Chloro-3-methylphenol	8.72	107	482946	40.102	ng		99
37) 2-Methylnaphthalene	8.89	142	974441	36.233	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	383852	37.407	ng		98
40) Hexachlorocyclopentadiene	9.03	237	176904	36.265	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	277487	41.170	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	313620	41.284	ng		97
45) 1,1'-Biphenyl	9.35	154	1162764	36.631	ng		99
46) 2-Chloronaphthalene	9.37	162	935585	37.438	ng		99
47) 2-Nitroaniline	9.47	65	386374	49.952	ng		85
48) Acenaphthylene	9.79	152	1455030	37.487	ng		99
49) Dimethylphthalate	9.65	163	1123526	38.234	ng		99
50) 2,6-Dinitrotoluene	9.71	165	247112	44.201	ng	#	81
51) Acenaphthene	9.96	154	883057	38.043	ng		99
52) 3-Nitroaniline	9.88	138	316972	46.078	ng		93
53) 2,4-Dinitrophenol	9.99	184	84011	56.731	ng	#	17
54) Dibenzofuran	10.13	168	1197800	36.617	ng		95
55) 4-Nitrophenol	10.03	139	222686	41.435	ng	#	85
56) 2,4-Dinitrotoluene	10.12	165	328526	44.084	ng	#	89
57) Fluorene	10.48	166	915746	38.476	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	214584	40.755	ng		95
59) Diethylphthalate	10.35	149	1081107	37.260	ng		99
60) 4-Chlorophenyl-phenylether	10.47	204	399643	37.958	ng		98
61) 4-Nitroaniline	10.50	138	313623	47.898	ng		99
62) Azobenzene	10.63	77	1141562	39.383	ng		95
64) 4,6-Dinitro-2-methylphenol	10.53	198	150546	52.801	ng		92
65) n-Nitrosodiphenylamine	10.59	169	848475	36.344	ng		99
66) 4-Bromophenyl-phenylether	10.96	248	251603	35.937	ng		98
67) Hexachlorobenzene	11.03	284	279300	36.161	ng		95
68) Atrazine	11.12	200	266937	38.758	ng		98
69) Pentachlorophenol	11.22	266	166540	36.732	ng		98
70) Phenanthrene	11.44	178	1336762	36.265	ng		99
71) Anthracene	11.50	178	1369216	36.521	ng		99
72) Carbazole	11.65	167	1365656	37.181	ng		99
73) Di-n-butylphthalate	11.97	149	1692269	37.929	ng		99
74) Fluoranthene	12.63	202	1370638	36.957	ng		99
76) Benzidine	12.75	184	911501	43.471	ng		99
77) Pyrene	12.86	202	1415164	39.557	ng		100
79) Butylbenzylphthalate	13.47	149	735684	43.098	ng		94
80) Benzo(a)anthracene	14.05	228	1129590	39.369	ng		100
81) 3,3'-Dichlorobenzidine	14.01	252	424862	39.937	ng		99
82) Chrysene	14.09	228	1080947	37.373	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	952194	43.449	ng		99
84) Di-n-octyl phthalate	14.64	149	1390033	42.242	ng		96
85) Indeno(1,2,3-cd)pyrene	17.06	276	925838	38.595	ng		99
87) Benzo(b)fluoranthene	15.11	252	963278	37.998	ng		98
88) Benzo(k)fluoranthene	15.14	252	906213	37.412	ng		99
89) Benzo(a)pyrene	15.48	252	853560	37.406	ng		97
90) Dibenzo(a,h)anthracene	17.07	278	764018	41.250	ng		99
91) Benzo(g,h,i)perylene	17.52	276	800704	44.168	ng		96

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

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