Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104781.D
Acq On : 25 Apr 2018 11:44
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/26/2018 6:09:06 PM

Quant Time: Apr 25 14:14:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115970	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	470299	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	214277	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	389142	20.00	ng		0.00
75) Chrysene-d12	13.99	240	298070	20.00	ng		0.00
86) Perylene-d12	15.46	264	251346	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	550328	72.56	ng		0.00
7) Phenol-d6	6.45	99	668304	71.72	ng		0.00
23) Nitrobenzene-d5	7.37	82	607219	84.31	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	176322	79.33	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1071899	79.03	ng		0.00
78) Terphenyl-d14	12.92	244	1022917	78.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	125469	35.503	ng		87
3) Pyridine	3.25	79	333717	33.586	ng		88
4) n-Nitrosodimethylamine	3.22	42	114824	33.059	ng	#	80
6) Aniline	6.47	93	441347	34.089	ng		98
8) 2-Chlorophenol	6.59	128	300429	37.530	ng		96
9) Benzaldehyde	6.35	77	230344	55.951	ng		99
10) Phenol	6.46	94	363122	36.725	ng		75
11) bis(2-Chloroethyl)ether	6.54	93	278320	35.273	ng		95
12) 1,3-Dichlorobenzene	6.74	146	342263	37.740	ng		98
13) 1,4-Dichlorobenzene	6.82	146	348477	38.548	ng		99
14) 1,2-Dichlorobenzene	6.97	146	322732	38.524	ng		98
15) Benzyl Alcohol	6.95	79	251423	35.522	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	336606m	31.766	ng		
17) 2-Methylphenol	7.06	107	256842	36.911	ng		95
18) Hexachloroethane	7.31	117	125751	39.014	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	200626	32.947	ng		94
20) 3+4-Methylphenols	7.22	107	314965	36.496	ng	#	60
22) Acetophenone	7.22	105	421871	36.436	ng	#	97
24) Nitrobenzene	7.39	77	318282	40.026	ng		95
25) Isophorone	7.63	82	533449	35.025	ng		99
26) 2-Nitrophenol	7.70	139	164967	50.959	ng		95
27) 2,4-Dimethylphenol	7.75	122	235418	35.024	ng		100
28) bis(2-Chloroethoxy)methane	7.83	93	333039	35.764	ng		98
29) 2,4-Dichlorophenol	7.95	162	241926	37.722	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	274641	39.020	ng		99
31) Naphthalene	8.11	128	877162	37.456	ng		100
32) Benzoic acid	7.89	122	169497m	31.604	ng		
33) 4-Chloroaniline	8.16	127	379304	37.806	ng		97
34) Hexachlorobutadiene	8.22	225	153951	39.933	ng		98
35) Caprolactam	8.55	113	77695m	34.727	ng		
36) 4-Chloro-3-methylphenol	8.65	107	261579	38.037	ng		97
37) 2-Methylnaphthalene	8.80	142	566943	37.427	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	252038	41.090	ng		99
40) Hexachlorocyclopentadiene	8.95	237	140981	41.055	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	165142	38.784	ng		100
43) 2,4,5-Trichlorophenol	9.13	196	185265	38.881	ng		97
45) 1,1'-Biphenyl	9.26	154	700933	38.939	ng		100
46) 2-Chloronaphthalene	9.29	162	554166	38.975	ng		99
47) 2-Nitroaniline	9.39	65	163265	46.432	ng		99
48) Acenaphthylene	9.71	152	830391	37.224	ng		99
49) Dimethylphthalate	9.57	163	653855	38.696	ng		99
50) 2,6-Dinitrotoluene	9.63	165	141450	45.240	ng		98
51) Acenaphthene	9.88	154	486852	35.769	ng		100
52) 3-Nitroaniline	9.81	138	163667	44.713	ng		94
53) 2,4-Dinitrophenol	9.92	184	54296m	51.275	ng		
54) Dibenzofuran	10.05	168	693981	36.586	ng		98
55) 4-Nitrophenol	9.97	139	96966	33.723	ng		98
56) 2,4-Dinitrotoluene	10.04	165	178588	43.544	ng		97
57) Fluorene	10.39	166	563084	40.784	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	131112	36.883	ng		95
59) Diethylphthalate	10.26	149	619775	36.828	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	261480	42.526	ng		95
61) 4-Nitroaniline	10.42	138	162407	45.377	ng		98
62) Azobenzene	10.55	77	555001	34.520	ng		95
64) 4,6-Dinitro-2-methylphenol	10.46	198	92734	48.788	ng	#	72
65) n-Nitrosodiphenylamine	10.50	169	503455	37.314	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	158122	38.201	ng		95
67) Hexachlorobenzene	10.95	284	182367	39.156	ng	#	88
68) Atrazine	11.03	200	148936	36.570	ng		99
69) Pentachlorophenol	11.15	266	109154	37.883	ng		96
70) Phenanthrene	11.36	178	800461	36.937	ng		99
71) Anthracene	11.42	178	819805	37.215	ng		99
72) Carbazole	11.57	167	783062	36.377	ng		99
73) Di-n-butylphthalate	11.89	149	944388	35.915	ng		99
74) Fluoranthene	12.55	202	827055	36.527	ng		98
76) Benzidine	12.67	184	371014	35.554	ng		99
77) Pyrene	12.78	202	848173	38.389	ng		99
79) Butylbenzylphthalate	13.39	149	397136	38.154	ng		99
80) Benzo(a)anthracene	13.97	228	717566	40.297	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	250348	37.706	ng		98
82) Chrysene	14.02	228	681391	37.254	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	528485	39.474	ng		100
84) Di-n-octyl phthalate	14.58	149	790519	35.337	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.93	276	546137	35.150	ng		94
87) Benzo(b)fluoranthene	15.04	252	642544	40.476	ng		98
88) Benzo(k)fluoranthene	15.07	252	558265	37.250	ng		99
89) Benzo(a)pyrene	15.40	252	542615	38.202	ng		99
90) Dibenzo(a,h)anthracene	16.95	278	451362	38.692	ng	#	95
91) Benzo(g,h,i)perylene	17.38	276	443236	39.217	ng		94

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

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