Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
Data File : BG032610.D
Acq On : 8 Feb 2018 13:51
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/9/2018 4:34:24 PM

Quant Time: Feb 09 02:51:21 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	25858	20.00	ng		-0.03
21) Naphthalene-d8	11.56	136	109697	20.00	ng		-0.02
38) Acenaphthene-d10	15.32	164	89207	20.00	ng		-0.02
63) Phenanthrene-d10	18.06	188	237103	20.00	ng		-0.02
75) Chrysene-d12	22.40	240	301162	20.00	ng		0.00
86) Perylene-d12	26.06	264	319699	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.13	112	101263	78.66	ng		-0.02
7) Phenol-d6	7.81	99	132559	77.16	ng		-0.02
23) Nitrobenzene-d5	9.88	82	137609	78.35	ng		-0.03
41) 2,4,6-Tribromophenol	16.81	330	119901	70.61	ng		0.00
44) 2-Fluorobiphenyl	13.95	172	519915	69.27	ng		-0.02
78) Terphenyl-d14	20.60	244	974875	69.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.79	88	20919	48.295	ng	#	72
3) Pyridine	4.24	79	50586	43.252	ng		89
4) n-Nitrosodimethylamine	4.15	42	27788	45.641	ng	#	66
6) Aniline	7.98	93	80586	37.623	ng		95
8) 2-Chlorophenol	8.23	128	58109	38.185	ng		85
9) Benzaldehyde	7.78	77	24251	27.331	ng	#	82
10) Phenol	7.83	94	62549	38.340	ng		83
11) bis(2-Chloroethyl)ether	8.07	93	44343	35.673	ng		86
12) 1,3-Dichlorobenzene	8.57	146	77410	37.614	ng		97
13) 1,4-Dichlorobenzene	8.72	146	75333	36.521	ng		93
14) 1,2-Dichlorobenzene	9.05	146	76036	37.629	ng		93
15) Benzyl Alcohol	8.92	79	54076	38.194	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.21	45	49154	41.730	ng		79
17) 2-Methylphenol	9.13	107	49192m	37.126	ng		
18) Hexachloroethane	9.80	117	26978	38.955	ng	#	77
19) n-Nitroso-di-n-propylamine	9.49	70	46147	40.513	ng	#	93
20) 3+4-Methylphenols	9.46	107	68212	36.701	ng		88
22) Acetophenone	9.53	105	97303	37.840	ng	#	93
24) Nitrobenzene	9.93	77	68612	40.401	ng	#	88
25) Isophorone	10.45	82	125441	41.947	ng	#	85
26) 2-Nitrophenol	10.65	139	36543	35.596	ng	#	86
27) 2,4-Dimethylphenol	10.69	122	52327	35.512	ng		96
28) bis(2-Chloroethoxy)methane	10.93	93	63367	38.642	ng	#	95
29) 2,4-Dichlorophenol	11.19	162	72558	37.172	ng		94
30) 1,2,4-Trichlorobenzene	11.42	180	97999	37.669	ng		97
31) Naphthalene	11.62	128	203205	37.928	ng		98
32) Benzoic acid	10.82	122	42730m	40.258	ng		
33) 4-Chloroaniline	11.72	127	88820	37.169	ng		96
34) Hexachlorobutadiene	11.88	225	81128	40.080	ng		96
35) Caprolactam	12.46	113	24635	43.963	ng	#	50
36) 4-Chloro-3-methylphenol	12.80	107	74569	40.274	ng	#	90
37) 2-Methylnaphthalene	13.18	142	170509	37.882	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.54	216	146240	35.041	ng	#	95
40) Hexachlorocyclopentadiene	13.51	237	89866	34.464	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.77	196	79788	35.148	ng		97
43) 2,4,5-Trichlorophenol	13.84	196	96663	36.528	ng	#	93
45) 1,1'-Biphenyl	14.16	154	263437	34.954	ng		97
46) 2-Chloronaphthalene	14.21	162	205844	34.847	ng		96
47) 2-Nitroaniline	14.41	65	51597	39.498	ng	#	80
48) Acenaphthylene	15.05	152	319828	35.815	ng		97
49) Dimethylphthalate	14.75	163	298847	36.333	ng	#	98
50) 2,6-Dinitrotoluene	14.88	165	63920	37.025	ng	#	83
51) Acenaphthene	15.39	154	217019	35.041	ng		94
52) 3-Nitroaniline	15.22	138	56238	37.295	ng	#	68
53) 2,4-Dinitrophenol	15.42	184	26322	27.277	ng	#	78
54) Dibenzofuran	15.72	168	327563	35.734	ng		95
55) 4-Nitrophenol	15.52	139	37546	33.258	ng	#	70
56) 2,4-Dinitrotoluene	15.67	165	93113	37.881	ng	#	68
57) Fluorene	16.36	166	271980	35.706	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.93	232	98381	37.694	ng	#	82
59) Diethylphthalate	16.10	149	296792	37.048	ng		97
60) 4-Chlorophenyl-phenylether	16.34	204	179824	37.438	ng		90
61) 4-Nitroaniline	16.39	138	58239	36.034	ng	#	77
62) Azobenzene	16.64	77	180663	37.737	ng		83
64) 4,6-Dinitro-2-methylphenol	16.43	198	61160	34.528	ng	#	72
65) n-Nitrosodiphenylamine	16.56	169	254618	35.984	ng		98
66) 4-Bromophenyl-phenylether	17.24	248	131826	37.529	ng		95
67) Hexachlorobenzene	17.37	284	140587	36.166	ng	#	90
68) Atrazine	17.48	200	81340	26.778	ng		97
69) Pentachlorophenol	17.70	266	83848	34.432	ng		97
70) Phenanthrene	18.11	178	476970	36.073	ng		100
71) Anthracene	18.20	178	489043	37.145	ng		98
72) Carbazole	18.46	167	419523	36.064	ng		99
73) Di-n-butylphthalate	18.97	149	477160	37.048	ng		99
74) Fluoranthene	20.08	202	640640	36.945	ng		94
76) Benzidine	20.24	184	129106	21.832	ng		98
77) Pyrene	20.43	202	652402	35.319	ng		99
79) Butylbenzylphthalate	21.29	149	221588	38.032	ng	#	77
80) Benzo(a)anthracene	22.37	228	689515	36.931	ng		98
81) 3,3'-Dichlorobenzidine	22.27	252	257996	35.666	ng	#	97
82) Chrysene	22.45	228	674885	37.430	ng		98
83) Bis(2-ethylhexyl)phthalate	22.21	149	312240	37.796	ng	#	98
84) Di-n-octyl phthalate	23.58	149	513945	39.223	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.32	276	819290	35.919	ng	#	86
87) Benzo(b)fluoranthene	24.89	252	720365	37.292	ng	#	94
88) Benzo(k)fluoranthene	24.96	252	714733	37.351	ng	#	94
89) Benzo(a)pyrene	25.89	252	685290	37.212	ng	#	95
90) Dibenzo(a,h)anthracene	30.40	278	683107	36.260	ng	#	94
91) Benzo(g,h,i)perylene	31.66	276	675141	36.105	ng	#	91

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

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