Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
Data File : BG034119.D
Acq On : 2 May 2018 16:56
Operator : SJ/JU
Sample : SSTDCCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCCC040

Manual Integrations APPROVED
Sohil
5/3/2018 4:59:30 PM

Quant Time: May 03 04:59:18 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	99559	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	421552	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	328379	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	837340	20.00	ng		0.00
75) Chrysene-d12	21.77	240	867047	20.00	ng		0.00
86) Perylene-d12	25.06	264	913684	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	484327	78.60	ng		0.00
7) Phenol-d6	7.22	99	739106	77.04	ng		0.00
23) Nitrobenzene-d5	9.24	82	830139	75.56	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	334165	73.49	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1608063	71.36	ng		0.00
78) Terphenyl-d14	20.09	244	2735630	69.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	105689	40.843	ng		84
3) Pyridine	3.95	79	342687	42.207	ng	#	84
4) n-Nitrosodimethylamine	3.86	42	178499	40.320	ng	#	79
6) Aniline	7.39	93	498804	38.227	ng	#	93
8) 2-Chlorophenol	7.64	128	232000	37.730	ng		94
9) Benzaldehyde	7.21	77	208401	39.173	ng		93
10) Phenol	7.25	94	373888	38.641	ng	#	76
11) bis(2-Chloroethyl)ether	7.49	93	292696	38.424	ng		94
12) 1,3-Dichlorobenzene	7.96	146	300239	38.595	ng	#	86
13) 1,4-Dichlorobenzene	8.11	146	296676m	38.400	ng		
14) 1,2-Dichlorobenzene	8.43	146	282841m	38.542	ng		
15) Benzyl Alcohol	8.31	79	391237	38.230	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.60	45	396063	37.789	ng		86
17) 2-Methylphenol	8.50	107	249490	39.186	ng	#	78
18) Hexachloroethane	9.16	117	123805	37.669	ng		97
19) n-Nitroso-di-n-propylamine	8.89	70	317415	36.843	ng	#	98
20) 3+4-Methylphenols	8.84	107	348630	36.973	ng	#	76
22) Acetophenone	8.90	105	512485	35.690	ng	#	95
24) Nitrobenzene	9.28	77	452159	37.597	ng	#	87
25) Isophorone	9.81	82	784130	34.985	ng	#	97
26) 2-Nitrophenol	9.99	139	138609	41.633	ng	#	60
27) 2,4-Dimethylphenol	10.05	122	237287	36.764	ng	#	80
28) bis(2-Chloroethoxy)methane	10.29	93	392292	35.633	ng		97
29) 2,4-Dichlorophenol	10.53	162	280429	36.349	ng		95
30) 1,2,4-Trichlorobenzene	10.75	180	346314	37.279	ng		98
31) Naphthalene	10.94	128	810382	36.574	ng		99
32) Benzoic acid	10.19	122	212517	38.462	ng	#	80
33) 4-Chloroaniline	11.04	127	363682	36.399	ng	#	81
34) Hexachlorobutadiene	11.23	225	297088	37.784	ng		95
35) Caprolactam	11.82	113	104070	37.977	ng	#	86
36) 4-Chloro-3-methylphenol	12.16	107	363781	36.365	ng		89
37) 2-Methylnaphthalene	12.55	142	633535	35.263	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	468240	36.849	ng		98
40) Hexachlorocyclopentadiene	12.89	237	305356	40.556	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	276554	37.459 ng		99
43) 2,4,5-Trichlorophenol	13.22	196	312827	38.328 ng	#	93
45) 1,1'-Biphenyl	13.55	154	917931	35.783 ng		98
46) 2-Chloronaphthalene	13.59	162	703261	36.211 ng		98
47) 2-Nitroaniline	13.79	65	310680	40.012 ng	#	84
48) Acenaphthylene	14.44	152	1114338	35.937 ng		100
49) Dimethylphthalate	14.17	163	971360	34.113 ng		99
50) 2,6-Dinitrotoluene	14.29	165	214552	39.232 ng	#	81
51) Acenaphthene	14.79	154	771208	36.595 ng		96
52) 3-Nitroaniline	14.62	138	203724	36.959 ng	#	85
53) 2,4-Dinitrophenol	14.82	184	101357	47.375 ng	#	72
54) Dibenzofuran	15.11	168	1065970	34.891 ng	#	89
55) 4-Nitrophenol	14.91	139	160870	38.236 ng	#	50
56) 2,4-Dinitrotoluene	15.07	165	306128	41.225 ng		93
57) Fluorene	15.77	166	909279	34.146 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.34	232	314838	37.288 ng		94
59) Diethylphthalate	15.54	149	1027451	34.098 ng		95
60) 4-Chlorophenyl-phenylether	15.76	204	563552	35.573 ng		99
61) 4-Nitroaniline	15.78	138	215948	36.933 ng	#	49
62) Azobenzene	16.05	77	1094216	33.616 ng		92
64) 4,6-Dinitro-2-methylphenol	15.84	198	179139	45.501 ng		98
65) n-Nitrosodiphenylamine	15.97	169	830063	36.355 ng		98
66) 4-Bromophenyl-phenylether	16.66	248	371438	35.728 ng	#	92
67) Hexachlorobenzene	16.77	284	395076	37.437 ng		96
68) Atrazine	16.92	200	356119	34.720 ng		95
69) Pentachlorophenol	17.11	266	294086	39.982 ng		97
70) Phenanthrene	17.51	178	1528492	35.525 ng		97
71) Anthracene	17.61	178	1532449	35.143 ng		98
72) Carbazole	17.87	167	1395793	34.966 ng	#	96
73) Di-n-butylphthalate	18.44	149	1673568	34.830 ng	#	95
74) Fluoranthene	19.52	202	1907358	35.081 ng		93
76) Benzidine	19.70	184	921352	41.253 ng		97
77) Pyrene	19.89	202	1926596	35.466 ng		95
79) Butylbenzylphthalate	20.78	149	763235	35.991 ng		94
80) Benzo(a)anthracene	21.74	228	1983385	35.694 ng		97
81) 3,3'-Dichlorobenzidine	21.66	252	801607	38.148 ng	#	98
82) Chrysene	21.81	228	1908868	35.891 ng		96
83) Bis(2-ethylhexyl)phthalate	21.67	149	1035510	35.480 ng	#	98
84) Di-n-octyl phthalate	22.92	149	1673588	35.902 ng		98
85) Indeno(1,2,3-cd)pyrene	28.82	276	2202539	37.631 ng	#	90
87) Benzo(b)fluoranthene	24.01	252	2034801	35.255 ng	#	97
88) Benzo(k)fluoranthene	24.08	252	1958269	35.500 ng	#	96
89) Benzo(a)pyrene	24.90	252	1908467	35.343 ng	#	96
90) Dibenzo(a,h)anthracene	28.90	278	1803772	35.437 ng	#	95
91) Benzo(g,h,i)perylene	30.00	276	1799522	35.868 ng	#	93

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

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