Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034101.D
Acq On : 2 May 2018 5:24
Operator : SJ/JU
Sample : SSTDCCC040
Misc : 20PPM LOQ
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
5/2/2018 4:50:56 PM

Quant Time: May 02 08:03:55 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	8.07	152	76885	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	332450	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	267940	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	709816	20.00	ng		0.00
75) Chrysene-d12	21.76	240	721535	20.00	ng		0.00
86) Perylene-d12	25.05	264	726520	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	367920	77.31	ng		0.00
7) Phenol-d6	7.22	99	580177	78.31	ng		0.00
23) Nitrobenzene-d5	9.24	82	674130	77.80	ng		0.00
41) 2,4,6-Tribromophenol	16.20	330	283430	76.39	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1337836	72.76	ng		0.00
78) Terphenyl-d14	20.09	244	2346149	71.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	78743	39.404	ng	#	79
3) Pyridine	3.95	79	254163	40.535	ng	#	84
4) n-Nitrosodimethylamine	3.86	42	131075	38.339	ng	#	82
6) Aniline	7.40	93	393670	39.067	ng		94
8) 2-Chlorophenol	7.63	128	184658	38.887	ng		92
9) Benzaldehyde	7.21	77	162808	39.852	ng		88
10) Phenol	7.24	94	292691	39.170	ng	#	70
11) bis(2-Chloroethyl)ether	7.49	93	229308	38.980	ng		95
12) 1,3-Dichlorobenzene	7.96	146	220729	36.742	ng	#	84
13) 1,4-Dichlorobenzene	8.11	146	230511	38.635	ng		96
14) 1,2-Dichlorobenzene	8.43	146	218292m	38.518	ng		
15) Benzyl Alcohol	8.31	79	305220	38.620	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.60	45	308154	38.072	ng		86
17) 2-Methylphenol	8.51	107	199063	40.486	ng	#	76
18) Hexachloroethane	9.16	117	94056	37.057	ng		95
19) n-Nitroso-di-n-propylamine	8.88	70	255917	38.465	ng		96
20) 3+4-Methylphenols	8.84	107	284466	39.065	ng	#	74
22) Acetophenone	8.90	105	410297	36.231	ng	#	97
24) Nitrobenzene	9.28	77	365049	38.489	ng	#	87
25) Isophorone	9.81	82	642786	36.365	ng		98
26) 2-Nitrophenol	9.99	139	104114	39.654	ng	#	59
27) 2,4-Dimethylphenol	10.05	122	193971	38.108	ng		90
28) bis(2-Chloroethoxy)methane	10.29	93	317217	36.536	ng		98
29) 2,4-Dichlorophenol	10.52	162	222505	36.570	ng		93
30) 1,2,4-Trichlorobenzene	10.75	180	276756	37.776	ng		99
31) Naphthalene	10.94	128	651598	37.289	ng		98
32) Benzoic acid	10.18	122	178322	40.560	ng		87
33) 4-Chloroaniline	11.04	127	298849	37.927	ng	#	83
34) Hexachlorobutadiene	11.23	225	232713	37.529	ng		99
35) Caprolactam	11.82	113	82924	38.371	ng	#	91
36) 4-Chloro-3-methylphenol	12.16	107	300665	38.111	ng		89
37) 2-Methylnaphthalene	12.54	142	532299	37.569	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	385101	37.143	ng		98
40) Hexachlorocyclopentadiene	12.90	237	237078	38.590	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	227159	37.709	ng		94
43) 2,4,5-Trichlorophenol	13.21	196	253274	38.032	ng		94
45) 1,1'-Biphenyl	13.56	154	754690	36.055	ng		96
46) 2-Chloronaphthalene	13.60	162	595022	37.548	ng		96
47) 2-Nitroaniline	13.79	65	257381	40.624	ng	#	83
48) Acenaphthylene	14.44	152	920390	36.378	ng		98
49) Dimethylphthalate	14.17	163	833015	35.853	ng	#	98
50) 2,6-Dinitrotoluene	14.29	165	180327	40.411	ng	#	78
51) Acenaphthene	14.78	154	637903	37.097	ng		97
52) 3-Nitroaniline	14.61	138	179075	39.815	ng	#	85
53) 2,4-Dinitrophenol	14.82	184	73097	41.873	ng	#	62
54) Dibenzofuran	15.12	168	911749	36.574	ng	#	91
55) 4-Nitrophenol	14.91	139	132411	38.571	ng	#	52
56) 2,4-Dinitrotoluene	15.07	165	253450	41.830	ng		87
57) Fluorene	15.77	166	768753	35.381	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.34	232	269987	39.189	ng		92
59) Diethylphthalate	15.54	149	897016	36.484	ng		97
60) 4-Chlorophenyl-phenylether	15.76	204	477706	36.956	ng		98
61) 4-Nitroaniline	15.78	138	182651	38.284	ng	#	47
62) Azobenzene	16.05	77	953944	35.917	ng		92
64) 4,6-Dinitro-2-methylphenol	15.83	198	138642	41.542	ng		94
65) n-Nitrosodiphenylamine	15.98	169	695937	35.957	ng		98
66) 4-Bromophenyl-phenylether	16.66	248	326569	37.056	ng		90
67) Hexachlorobenzene	16.77	284	323266	36.136	ng		91
68) Atrazine	16.93	200	299283	34.275	ng		98
69) Pentachlorophenol	17.11	266	245813	39.424	ng		93
70) Phenanthrene	17.51	178	1296238	35.539	ng		95
71) Anthracene	17.60	178	1322872	35.787	ng		99
72) Carbazole	17.87	167	1194371	35.295	ng		98
73) Di-n-butylphthalate	18.44	149	1421506	34.899	ng	#	96
74) Fluoranthene	19.52	202	1622022	35.193	ng		94
76) Benzidine	19.70	184	771679	41.519	ng		97
77) Pyrene	19.88	202	1645075	36.391	ng		95
79) Butylbenzylphthalate	20.78	149	648899	36.770	ng		86
80) Benzo(a)anthracene	21.74	228	1664252	35.991	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	642401	36.737	ng	#	94
82) Chrysene	21.81	228	1577621	35.645	ng		96
83) Bis(2-ethylhexyl)phthalate	21.67	149	867199	35.705	ng	#	99
84) Di-n-octyl phthalate	22.92	149	1411399	36.383	ng		98
85) Indeno(1,2,3-cd)pyrene	28.81	276	1802167	37.000	ng	#	84
87) Benzo(b)fluoranthene	24.01	252	1677307	36.548	ng	#	95
88) Benzo(k)fluoranthene	24.08	252	1583533	36.102	ng	#	94
89) Benzo(a)pyrene	24.89	252	1575702	36.698	ng	#	96
90) Dibenzo(a,h)anthracene	28.89	278	1466767	36.240	ng	#	92
91) Benzo(g,h,i)perylene	29.99	276	1475288	36.981	ng	#	91

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

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