Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032869.D
Acq On : 28 Feb 2018 00:51
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/28/2018 1:01:51 PM

Quant Time: Feb 28 03:32:49 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	80865	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	381369	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	215652	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	448969	20.00	ng		0.00
75) Chrysene-d12	22.63	240	398246	20.00	ng		0.00
86) Perylene-d12	26.43	264	436750	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	421738	83.44	ng		0.00
7) Phenol-d6	8.02	99	585295	83.08	ng		0.00
23) Nitrobenzene-d5	10.12	82	511586	92.15	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	189129	83.41	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	1143056	76.45	ng		0.00
78) Terphenyl-d14	20.78	244	1333283	75.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	88905	40.529	ng		87
3) Pyridine	4.44	79	259396	42.903	ng		94
4) n-Nitrosodimethylamine	4.34	42	102504	42.286	ng	#	94
6) Aniline	8.22	93	377261	39.559	ng		95
8) 2-Chlorophenol	8.47	128	229660	41.511	ng		93
9) Benzaldehyde	8.02	77	149057	36.709	ng		94
10) Phenol	8.05	94	293171	41.280	ng		92
11) bis(2-Chloroethyl)ether	8.30	93	228339	39.319	ng		92
12) 1,3-Dichlorobenzene	8.81	146	259046	39.976	ng		97
13) 1,4-Dichlorobenzene	8.96	146	258085	39.568	ng		96
14) 1,2-Dichlorobenzene	9.29	146	246738	39.475	ng		100
15) Benzyl Alcohol	9.16	79	210691	40.679	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.45	45	386687	38.733	ng		96
17) 2-Methylphenol	9.35	107	213532	40.773	ng		96
18) Hexachloroethane	10.05	117	92463	41.634	ng	#	84
19) n-Nitroso-di-n-propylamine	9.74	70	196899	39.587	ng	#	95
20) 3+4-Methylphenols	9.68	107	303432	41.670	ng		94
22) Acetophenone	9.77	105	376479	39.089	ng	#	93
24) Nitrobenzene	10.17	77	265944	44.295	ng		90
25) Isophorone	10.69	82	517805	38.683	ng	#	93
26) 2-Nitrophenol	10.89	139	125453	55.353	ng		92
27) 2,4-Dimethylphenol	10.92	122	229134	39.404	ng		90
28) bis(2-Chloroethoxy)methane	11.17	93	302204	38.754	ng		95
29) 2,4-Dichlorophenol	11.43	162	216030	40.933	ng		95
30) 1,2,4-Trichlorobenzene	11.66	180	239179	38.662	ng		96
31) Naphthalene	11.86	128	776580	38.969	ng		99
32) Benzoic acid	11.04	122	174584	48.129	ng	#	81
33) 4-Chloroaniline	11.95	127	345199	38.741	ng		94
34) Hexachlorobutadiene	12.12	225	131139	37.791	ng		96
35) Caprolactam	12.70	113	89986	42.582	ng	#	86
36) 4-Chloro-3-methylphenol	13.00	107	255932	41.672	ng		91
37) 2-Methylnaphthalene	13.41	142	565351	39.213	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	248892	38.879	ng	#	97
40) Hexachlorocyclopentadiene	13.74	237	131195	40.213	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	171357	42.445	ng		99
43) 2,4,5-Trichlorophenol	14.05	196	199863	42.774	ng		96
45) 1,1'-Biphenyl	14.38	154	736381	39.076	ng		95
46) 2-Chloronaphthalene	14.44	162	543920	38.639	ng		97
47) 2-Nitroaniline	14.61	65	175912	49.234	ng		91
48) Acenaphthylene	15.27	152	891503	38.682	ng		98
49) Dimethylphthalate	14.97	163	691443	37.761	ng		99
50) 2,6-Dinitrotoluene	15.09	165	150367	49.315	ng		86
51) Acenaphthene	15.60	154	556877	38.798	ng		98
52) 3-Nitroaniline	15.42	138	173426	46.529	ng	#	83
53) 2,4-Dinitrophenol	15.62	184	29465	39.199	ng	#	1
54) Dibenzofuran	15.93	168	775053	37.923	ng		94
55) 4-Nitrophenol	15.69	139	111370	40.935	ng	#	79
56) 2,4-Dinitrotoluene	15.86	165	200450	54.599	ng		86
57) Fluorene	16.57	166	643167	38.129	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	152149m	41.941	ng		
59) Diethylphthalate	16.30	149	726404	37.612	ng		98
60) 4-Chlorophenyl-phenylether	16.55	204	316123	38.310	ng		91
61) 4-Nitroaniline	16.57	138	168368	43.084	ng		83
62) Azobenzene	16.84	77	651381	37.701	ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	77957	55.886	ng		96
65) n-Nitrosodiphenylamine	16.76	169	584867	40.044	ng		98
66) 4-Bromophenyl-phenylether	17.44	248	186763	39.340	ng	#	87
67) Hexachlorobenzene	17.57	284	200424	39.067	ng		94
68) Atrazine	17.67	200	184656	38.409	ng		95
69) Pentachlorophenol	17.90	266	131853	40.803	ng		99
70) Phenanthrene	18.31	178	970364	38.740	ng		98
71) Anthracene	18.40	178	976698	38.840	ng		97
72) Carbazole	18.65	167	934688	37.710	ng	#	96
73) Di-n-butylphthalate	19.15	149	1170190	38.483	ng		98
74) Fluoranthene	20.26	202	1041078	37.626	ng		94
76) Benzidine	20.41	184	570030	41.991	ng		96
77) Pyrene	20.61	202	1072179	38.177	ng		97
79) Butylbenzylphthalate	21.48	149	539278	43.310	ng		92
80) Benzo(a)anthracene	22.60	228	1002589	39.259	ng		99
81) 3,3'-Dichlorobenzidine	22.48	252	382421	40.433	ng	#	98
82) Chrysene	22.68	228	968550	39.703	ng		97
83) Bis(2-ethylhexyl)phthalate	22.44	149	780860	42.366	ng		96
84) Di-n-octyl phthalate	23.86	149	1257782	44.770	ng		99
85) Indeno(1,2,3-cd)pyrene	30.86	276	1140376	40.084	ng		99
87) Benzo(b)fluoranthene	25.20	252	998896	38.681	ng	#	97
88) Benzo(k)fluoranthene	25.29	252	995689	38.796	ng	#	95
89) Benzo(a)pyrene	26.25	252	962594	39.191	ng	#	95
90) Dibenzo(a,h)anthracene	30.95	278	952030	38.508	ng	#	93
91) Benzo(g,h,i)perylene	32.26	276	948307	38.911	ng	#	92

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

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