Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG022818\
Data File : BG032907.D
Acq On : 1 Mar 2018 4:40
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/1/2018 11:30:34 AM

Quant Time: Mar 01 07:46:09 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	71866	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	334635	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	194059	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	413095	20.00	ng		0.00
75) Chrysene-d12	22.62	240	371185	20.00	ng		-0.01
86) Perylene-d12	26.43	264	400265	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	355711	79.19	ng		0.00
7) Phenol-d6	8.02	99	496003	79.22	ng		0.00
23) Nitrobenzene-d5	10.12	82	434704	89.55	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	162095	79.44	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	984869	73.20	ng		0.00
78) Terphenyl-d14	20.78	244	1194432	72.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	74474	38.201	ng		90
3) Pyridine	4.43	79	218479	40.660	ng		99
4) n-Nitrosodimethylamine	4.34	42	90995	42.239	ng	#	91
6) Aniline	8.21	93	319952	37.751	ng		96
8) 2-Chlorophenol	8.46	128	194299	39.518	ng		94
9) Benzaldehyde	8.02	77	123016	34.089	ng		90
10) Phenol	8.05	94	251418	39.834	ng		91
11) bis(2-Chloroethyl)ether	8.31	93	196363	38.047	ng		94
12) 1,3-Dichlorobenzene	8.81	146	215398	37.403	ng		97
13) 1,4-Dichlorobenzene	8.96	146	217341	37.493	ng		95
14) 1,2-Dichlorobenzene	9.29	146	208045	37.453	ng		98
15) Benzyl Alcohol	9.15	79	177999	38.670	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.45	45	341354	38.474	ng		97
17) 2-Methylphenol	9.35	107	182152	39.137	ng		96
18) Hexachloroethane	10.05	117	79449	40.254	ng	#	83
19) n-Nitroso-di-n-propylamine	9.74	70	168970	38.226	ng	#	95
20) 3+4-Methylphenols	9.69	107	258569	39.955	ng		94
22) Acetophenone	9.77	105	319175	37.767	ng	#	97
24) Nitrobenzene	10.17	77	228171	43.453	ng		90
25) Isophorone	10.69	82	441749	37.610	ng	#	94
26) 2-Nitrophenol	10.90	139	107084	54.272	ng		90
27) 2,4-Dimethylphenol	10.92	122	193789	37.980	ng		89
28) bis(2-Chloroethoxy)methane	11.17	93	259964	37.993	ng		96
29) 2,4-Dichlorophenol	11.44	162	184838	39.914	ng		92
30) 1,2,4-Trichlorobenzene	11.66	180	202595	37.321	ng		96
31) Naphthalene	11.86	128	658983	37.686	ng		99
32) Benzoic acid	11.04	122	152379	47.955	ng	#	83
33) 4-Chloroaniline	11.95	127	296652	37.943	ng		96
34) Hexachlorobutadiene	12.12	225	111354	36.571	ng		95
35) Caprolactam	12.69	113	75970	40.970	ng	#	87
36) 4-Chloro-3-methylphenol	13.00	107	219178	40.671	ng	#	90
37) 2-Methylnaphthalene	13.41	142	478304	37.809	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	212049	36.810	ng	#	96
40) Hexachlorocyclopentadiene	13.73	237	114022	38.838	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	144211	39.696	ng		98
43) 2,4,5-Trichlorophenol	14.05	196	170141	40.465	ng	#	95
45) 1,1'-Biphenyl	14.38	154	629658	37.131	ng		96
46) 2-Chloronaphthalene	14.43	162	465299	36.732	ng		96
47) 2-Nitroaniline	14.61	65	154133	48.197	ng		90
48) Acenaphthylene	15.27	152	769812	37.119	ng		98
49) Dimethylphthalate	14.96	163	601889	36.528	ng		98
50) 2,6-Dinitrotoluene	15.09	165	128874	47.392	ng		89
51) Acenaphthene	15.60	154	488267	37.803	ng		98
52) 3-Nitroaniline	15.42	138	149262	44.830	ng	#	85
53) 2,4-Dinitrophenol	15.62	184	41167	54.778	ng	#	1
54) Dibenzofuran	15.93	168	678242	36.879	ng		95
55) 4-Nitrophenol	15.68	139	99192	40.588	ng		86
56) 2,4-Dinitrotoluene	15.87	165	173494	53.039	ng		85
57) Fluorene	16.57	166	553344	36.454	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	131062m	40.148	ng		
59) Diethylphthalate	16.30	149	635808	36.584	ng		98
60) 4-Chlorophenyl-phenylether	16.55	204	271471	36.559	ng		91
61) 4-Nitroaniline	16.57	138	145913	41.688	ng		84
62) Azobenzene	16.84	77	571563	36.762	ng		98
64) 4,6-Dinitro-2-methylphenol	16.62	198	80171	60.347	ng		94
65) n-Nitrosodiphenylamine	16.75	169	506567	37.695	ng		98
66) 4-Bromophenyl-phenylether	17.44	248	160785	36.809	ng	#	86
67) Hexachlorobenzene	17.56	284	171905	36.418	ng	#	91
68) Atrazine	17.67	200	159634	36.088	ng		98
69) Pentachlorophenol	17.90	266	117987	39.683	ng		97
70) Phenanthrene	18.31	178	853832	37.048	ng		98
71) Anthracene	18.40	178	859739	37.158	ng		99
72) Carbazole	18.65	167	828602	36.333	ng		98
73) Di-n-butylphthalate	19.15	149	1043427	37.294	ng		98
74) Fluoranthene	20.25	202	934210	36.696	ng		93
76) Benzidine	20.41	184	314542	24.860	ng		97
77) Pyrene	20.61	202	957428	36.576	ng		97
79) Butylbenzylphthalate	21.48	149	480749	41.424	ng		93
80) Benzo(a)anthracene	22.60	228	895372	37.617	ng		99
81) 3,3'-Dichlorobenzidine	22.48	252	328975	37.318	ng	#	97
82) Chrysene	22.67	228	858295	37.749	ng		98
83) Bis(2-ethylhexyl)phthalate	22.43	149	698195	40.642	ng	#	96
84) Di-n-octyl phthalate	23.85	149	1120049	42.774	ng		99
85) Indeno(1,2,3-cd)pyrene	30.86	276	969325	36.555	ng		99
87) Benzo(b)fluoranthene	25.21	252	897352	37.917	ng	#	96
88) Benzo(k)fluoranthene	25.29	252	877658	37.315	ng	#	95
89) Benzo(a)pyrene	26.25	252	845862	37.577	ng	#	95
90) Dibenzo(a,h)anthracene	30.95	278	816457	36.034	ng	#	94
91) Benzo(g,h,i)perylene	32.26	276	804933	36.038	ng	#	90

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

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