Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091317\
Data File : BG028692.D
Acq On : 13 Sep 2017 10:53
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/14/2017 5:54:32 PM

Quant Time: Sep 13 12:57:14 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	30213	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	124327	20.00	ng		0.00
38) Acenaphthene-d10	14.94	164	93186	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	239856	20.00	ng		0.00
75) Chrysene-d12	22.03	240	283263	20.00	ng		0.00
86) Perylene-d12	25.52	264	290650	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	150603	82.25	ng		0.00
7) Phenol-d6	7.48	99	226827	82.28	ng		0.00
23) Nitrobenzene-d5	9.50	82	228987	88.11	ng		0.00
41) 2,4,6-Tribromophenol	16.43	330	136686	88.69	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	570564	81.64	ng		0.00
78) Terphenyl-d14	20.28	244	1120175	84.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.84	88	28582	38.547	ng	#	96
3) Pyridine	4.24	79	87858	41.537	ng		95
4) n-Nitrosodimethylamine	4.15	42	38363	39.871	ng	#	69
6) Aniline	7.66	93	135133	42.118	ng		96
8) 2-Chlorophenol	7.90	128	81548	39.951	ng		99
9) Benzaldehyde	7.47	77	67911	39.705	ng		95
10) Phenol	7.51	94	120965	41.576	ng		87
11) bis(2-Chloroethyl)ether	7.74	93	82933	39.703	ng		90
12) 1,3-Dichlorobenzene	8.22	146	90566	41.205	ng		88
13) 1,4-Dichlorobenzene	8.37	146	91863	40.645	ng		98
14) 1,2-Dichlorobenzene	8.68	146	89457	40.064	ng		99
15) Benzyl Alcohol	8.57	79	88562	41.152	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.84	45	153288	40.378	ng		98
17) 2-Methylphenol	8.77	107	77239	40.626	ng		94
18) Hexachloroethane	9.41	117	34918	42.153	ng	#	88
19) n-Nitroso-di-n-propylamine	9.12	70	82969	42.455	ng	#	86
20) 3+4-Methylphenols	9.09	107	110224	41.449	ng		91
22) Acetophenone	9.15	105	155156	42.681	ng	#	87
24) Nitrobenzene	9.54	77	120940	42.024	ng		97
25) Isophorone	10.06	82	222803	42.368	ng		98
26) 2-Nitrophenol	10.25	139	50797	41.473	ng		87
27) 2,4-Dimethylphenol	10.31	122	97669	43.624	ng		91
28) bis(2-Chloroethoxy)methane	10.53	93	120839	42.314	ng		97
29) 2,4-Dichlorophenol	10.79	162	94566	42.452	ng		95
30) 1,2,4-Trichlorobenzene	11.01	180	105361	41.461	ng		97
31) Naphthalene	11.20	128	275265	42.392	ng		96
32) Benzoic acid	10.45	122	71022	45.090	ng	#	82
33) 4-Chloroaniline	11.30	127	116090	42.677	ng		96
34) Hexachlorobutadiene	11.47	225	76835	41.050	ng		99
35) Caprolactam	12.08	113	35374	44.283	ng		98
36) 4-Chloro-3-methylphenol	12.41	107	126359	43.586	ng		96
37) 2-Methylnaphthalene	12.78	142	205245	42.336	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	156604	40.872	ng	#	97
40) Hexachlorocyclopentadiene	13.11	237	44720	34.792	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	101241	41.632	ng		91
43) 2,4,5-Trichlorophenol	13.47	196	102634	42.002	ng		93
45) 1,1'-Biphenyl	13.77	154	318460	41.276	ng		96
46) 2-Chloronaphthalene	13.82	162	230541	40.967	ng		98
47) 2-Nitroaniline	14.03	65	91550	43.773	ng		92
48) Acenaphthylene	14.66	152	376082	41.830	ng		96
49) Dimethylphthalate	14.38	163	329227	42.132	ng		100
50) 2,6-Dinitrotoluene	14.51	165	73362	42.193	ng	#	80
51) Acenaphthene	15.01	154	227429	41.642	ng		95
52) 3-Nitroaniline	14.85	138	66601	43.315	ng		95
53) 2,4-Dinitrophenol	15.06	184	28598	36.094	ng		92
54) Dibenzofuran	15.33	168	371246	42.625	ng		95
55) 4-Nitrophenol	15.16	139	44947	39.899	ng	#	84
56) 2,4-Dinitrotoluene	15.31	165	108377	44.329	ng	#	85
57) Fluorene	15.99	166	334393	43.005	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.57	232	89340	41.484	ng	#	95
59) Diethylphthalate	15.73	149	340929	42.456	ng		99
60) 4-Chlorophenyl-phenylether	15.97	204	188657	42.609	ng		88
61) 4-Nitroaniline	16.02	138	72688	44.622	ng	#	85
62) Azobenzene	16.26	77	291597	43.176	ng		92
64) 4,6-Dinitro-2-methylphenol	16.07	198	61668	39.845	ng		95
65) n-Nitrosodiphenylamine	16.19	169	289558	42.112	ng		99
66) 4-Bromophenyl-phenylether	16.87	248	127328	41.256	ng		97
67) Hexachlorobenzene	17.00	284	144460	41.126	ng	#	92
68) Atrazine	17.13	200	126110	42.716	ng		96
69) Pentachlorophenol	17.34	266	66357	41.810	ng		94
70) Phenanthrene	17.74	178	524268m	42.742	ng		
71) Anthracene	17.83	178	520636	42.019	ng		97
72) Carbazole	18.10	167	486280	43.576	ng		94
73) Di-n-butylphthalate	18.62	149	591383	43.220	ng	#	94
74) Fluoranthene	19.74	202	661693	44.182	ng		93
76) Benzidine	19.91	184	313069	42.620	ng		98
77) Pyrene	20.10	202	686687	42.028	ng		94
79) Butylbenzylphthalate	20.96	149	275442	41.742	ng		95
80) Benzo(a)anthracene	22.00	228	711133	41.707	ng		94
81) 3,3'-Dichlorobenzidine	21.90	252	291410	42.154	ng		99
82) Chrysene	22.08	228	683809	42.268	ng		93
83) Bis(2-ethylhexyl)phthalate	21.86	149	393834	41.982	ng		100
84) Di-n-octyl phthalate	23.15	149	689163	42.047	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.56	276	875612	42.124	ng	#	99
87) Benzo(b)fluoranthene	24.41	252	735046	42.211	ng		96
88) Benzo(k)fluoranthene	24.48	252	737907m	42.423	ng		
89) Benzo(a)pyrene	25.36	252	700830	42.401	ng		96
90) Dibenzo(a,h)anthracene	29.61	278	717442	41.634	ng		99
91) Benzo(g,h,i)perylene	30.82	276	702757	41.796	ng		100

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

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