Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG090717\
Data File : BG028598.D
Acq On : 7 Sep 2017 17:54
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
9/8/2017 5:44:29 PM

Quant Time: Sep 07 18:31:15 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 07 16:57:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	40667	20.00	ng		0.00
21) Naphthalene-d8	11.16	136	172585	20.00	ng		0.00
38) Acenaphthene-d10	14.95	164	115157	20.00	ng		0.00
63) Phenanthrene-d10	17.70	188	279645	20.00	ng		0.00
75) Chrysene-d12	22.04	240	327473	20.00	ng		0.00
86) Perylene-d12	25.54	264	309512	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	404295	177.82	ng		0.00
7) Phenol-d6	7.50	99	599651	183.07	ng		0.00
23) Nitrobenzene-d5	9.52	82	622122	201.41	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	295556	173.18	ng		0.00
44) 2-Fluorobiphenyl	13.57	172	1420111	162.63	ng		0.00
78) Terphenyl-d14	20.29	244	2335481	161.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	81613	96.411	ng	#	95
3) Pyridine	4.25	79	255398	105.186	ng		92
4) n-Nitrosodimethylamine	4.16	42	119939	87.927	ng	#	78
6) Aniline	7.67	93	388788	101.954	ng		97
8) 2-Chlorophenol	7.91	128	225932	86.874	ng		99
9) Benzaldehyde	7.48	77	136986	76.389	ng		91
10) Phenol	7.53	94	324379	94.455	ng		89
11) bis(2-Chloroethyl)ether	7.75	93	232066	92.167	ng		93
12) 1,3-Dichlorobenzene	8.23	146	260930	85.677	ng		93
13) 1,4-Dichlorobenzene	8.38	146	264653	83.999	ng		97
14) 1,2-Dichlorobenzene	8.70	146	254905	83.334	ng		99
15) Benzyl Alcohol	8.58	79	239763	119.789	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.86	45	465308	91.621	ng		98
17) 2-Methylphenol	8.78	107	201988	89.409	ng		95
18) Hexachloroethane	9.42	117	101504	99.026	ng		93
19) n-Nitroso-di-n-propylamine	9.15	70	228455	99.896	ng	#	89
20) 3+4-Methylphenols	9.10	107	285477	89.970	ng		93
22) Acetophenone	9.17	105	391886	94.170	ng	#	91
24) Nitrobenzene	9.56	77	327410	100.783	ng		95
25) Isophorone	10.08	82	556805	94.372	ng		98
26) 2-Nitrophenol	10.27	139	137400	88.182	ng		94
27) 2,4-Dimethylphenol	10.31	122	252158	92.196	ng		95
28) bis(2-Chloroethoxy)methane	10.54	93	335981	97.451	ng		96
29) 2,4-Dichlorophenol	10.81	162	244588	82.600	ng		92
30) 1,2,4-Trichlorobenzene	11.02	180	296341	89.265	ng		96
31) Naphthalene	11.21	128	764616	88.861	ng		100
32) Benzoic acid	10.51	122	169799	127.606	ng		95
33) 4-Chloroaniline	11.32	127	328715	93.475	ng		94
34) Hexachlorobutadiene	11.48	225	216913	93.606	ng		99
35) Caprolactam	12.12	113	87255m	96.317	ng		
36) 4-Chloro-3-methylphenol	12.42	107	305768	95.714	ng		96
37) 2-Methylnaphthalene	12.79	142	564797	85.988	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.16	216	375674	82.509	ng	#	97
40) Hexachlorocyclopentadiene	13.12	237	162969	76.694	ng		98

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42) 2,4,6-Trichlorophenol	13.39	196	244551	88.582	ng		91
43) 2,4,5-Trichlorophenol	13.48	196	242890	83.553	ng	#	91
45) 1,1'-Biphenyl	13.78	154	808303	81.686	ng		99
46) 2-Chloronaphthalene	13.83	162	605090	83.978	ng		99
47) 2-Nitroaniline	14.04	65	244439	113.544	ng		95
48) Acenaphthylene	14.68	152	910682	79.425	ng		98
49) Dimethylphthalate	14.40	163	751181	78.118	ng		99
50) 2,6-Dinitrotoluene	14.53	165	172101	83.777	ng		86
51) Acenaphthene	15.02	154	569255	79.133	ng		94
52) 3-Nitroaniline	14.86	138	173046	88.881	ng		96
53) 2,4-Dinitrophenol	15.07	184	105768	90.746	ng		93
54) Dibenzofuran	15.35	168	870484	79.178	ng		94
55) 4-Nitrophenol	15.17	139	123949	85.210	ng	#	84
56) 2,4-Dinitrotoluene	15.32	165	249165	87.731	ng	#	87
57) Fluorene	16.00	166	791639	80.589	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.58	232	212785	82.406	ng		96
59) Diethylphthalate	15.75	149	773227	82.945	ng		100
60) 4-Chlorophenyl-phenylether	15.98	204	446733	82.478	ng		89
61) 4-Nitroaniline	16.03	138	185238	88.998	ng		89
62) Azobenzene	16.27	77	702845	96.176	ng		93
64) 4,6-Dinitro-2-methylphenol	16.09	198	168520	90.405	ng		96
65) n-Nitrosodiphenylamine	16.20	169	674588	82.637	ng		99
66) 4-Bromophenyl-phenylether	16.88	248	305399	87.547	ng		96
67) Hexachlorobenzene	17.01	284	335538	88.268	ng	#	88
68) Atrazine	17.14	200	222524	71.069	ng		98
69) Pentachlorophenol	17.35	266	165079	77.565	ng		95
70) Phenanthrene	17.75	178	1198888	81.960	ng		96
71) Anthracene	17.84	178	1217995	83.612	ng		98
72) Carbazole	18.11	167	1072265	81.774	ng		96
73) Di-n-butylphthalate	18.63	149	1276243	88.582	ng	#	95
74) Fluoranthene	19.75	202	1494029	85.058	ng		96
76) Benzidine	19.92	184	465770	60.934	ng		100
77) Pyrene	20.11	202	1533322	87.604	ng		97
79) Butylbenzylphthalate	20.97	149	598464	95.183	ng		94
80) Benzo(a)anthracene	22.02	228	1562030	86.774	ng		97
81) 3,3'-Dichlorobenzidine	21.92	252	606082	85.624	ng		99
82) Chrysene	22.10	228	1474473	85.613	ng		97
83) Bis(2-ethylhexyl)phthalate	21.87	149	842440	92.036	ng		98
84) Di-n-octyl phthalate	23.17	149	1480465	95.279	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.61	276	1789254	89.848	ng		100
87) Benzo(b)fluoranthene	24.43	252	1605446	88.767	ng		99
88) Benzo(k)fluoranthene	24.50	252	1540980	85.234	ng		96
89) Benzo(a)pyrene	25.39	252	1494208	87.592	ng		99
90) Dibenzo(a,h)anthracene	29.66	278	1567462	91.005	ng		98
91) Benzo(g,h,i)perylene	30.89	276	1523980	91.806	ng		98

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

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