Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\
Data File : BG028861.D
Acq On : 21 Sep 2017 17:00
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/22/2017 3:58:57 PM

Quant Time: Sep 22 01:19:38 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	8.29	152	33277	20.00	ng		-0.04
21) Naphthalene-d8	11.11	136	139505	20.00	ng		-0.04
38) Acenaphthene-d10	14.90	164	98923	20.00	ng		-0.04
63) Phenanthrene-d10	17.66	188	248249	20.00	ng		-0.03
75) Chrysene-d12	21.98	240	291775	20.00	ng		-0.05
86) Perylene-d12	25.45	264	296910	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	163133	80.89	ng		-0.05
7) Phenol-d6	7.44	99	244261	80.44	ng		-0.05
23) Nitrobenzene-d5	9.46	82	232004	79.56	ng		-0.05
41) 2,4,6-Tribromophenol	16.40	330	137163	83.83	ng		-0.04
44) 2-Fluorobiphenyl	13.52	172	596964	80.47	ng		-0.04
78) Terphenyl-d14	20.25	244	1120985	81.93	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.79	88	31222	38.230	ng	#	92
3) Pyridine	4.18	79	95584	41.029	ng		93
4) n-Nitrosodimethylamine	4.09	42	42165	39.788	ng	#	62
6) Aniline	7.61	93	144443	40.874	ng		97
8) 2-Chlorophenol	7.85	128	88940	39.561	ng		96
9) Benzaldehyde	7.43	77	70868	37.619	ng		87
10) Phenol	7.47	94	133153	41.551	ng		90
11) bis(2-Chloroethyl)ether	7.70	93	88669	38.540	ng		93
12) 1,3-Dichlorobenzene	8.18	146	98732	40.784	ng		94
13) 1,4-Dichlorobenzene	8.32	146	102164	41.041	ng		95
14) 1,2-Dichlorobenzene	8.65	146	98739	40.149	ng		95
15) Benzyl Alcohol	8.52	79	86434	36.465	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.80	45	152716	36.523	ng		94
17) 2-Methylphenol	8.72	107	81457	38.900	ng		93
18) Hexachloroethane	9.37	117	36396	39.892	ng		91
19) n-Nitroso-di-n-propylamine	9.08	70	80178	37.249	ng	#	85
20) 3+4-Methylphenols	9.05	107	119279	40.724	ng		92
22) Acetophenone	9.11	105	161416	39.572	ng	#	90
24) Nitrobenzene	9.50	77	130110	40.291	ng		95
25) Isophorone	10.02	82	224159	37.988	ng		99
26) 2-Nitrophenol	10.22	139	55222	40.180	ng	#	89
27) 2,4-Dimethylphenol	10.26	122	97343	38.748	ng		96
28) bis(2-Chloroethoxy)methane	10.49	93	124192	38.757	ng		97
29) 2,4-Dichlorophenol	10.76	162	100766	40.314	ng		95
30) 1,2,4-Trichlorobenzene	10.97	180	112856	39.578	ng		97
31) Naphthalene	11.16	128	293071	40.223	ng		98
32) Benzoic acid	10.40	122	35442	23.433	ng	#	82
33) 4-Chloroaniline	11.27	127	123093	40.328	ng	#	92
34) Hexachlorobutadiene	11.43	225	82434	39.250	ng		97
35) Caprolactam	12.05	113	36099	40.274	ng		90
36) 4-Chloro-3-methylphenol	12.37	107	129225	39.725	ng	#	91
37) 2-Methylnaphthalene	12.74	142	217892	40.055	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	165595	40.713	ng	#	96
40) Hexachlorocyclopentadiene	13.08	237	43535	32.537	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	100850	39.066	ng		96
43) 2,4,5-Trichlorophenol	13.43	196	102200	39.398	ng	#	92
45) 1,1'-Biphenyl	13.74	154	325982	39.800	ng		98
46) 2-Chloronaphthalene	13.79	162	239676	40.120	ng		99
47) 2-Nitroaniline	13.99	65	89025	40.097	ng		95
48) Acenaphthylene	14.63	152	382306	40.056	ng		98
49) Dimethylphthalate	14.35	163	333614	40.218	ng		98
50) 2,6-Dinitrotoluene	14.48	165	75641	40.980	ng	#	77
51) Acenaphthene	14.97	154	232043	40.023	ng		98
52) 3-Nitroaniline	14.82	138	66016	40.444	ng		99
53) 2,4-Dinitrophenol	15.04	184	10184	17.425	ng	#	84
54) Dibenzofuran	15.30	168	373512	40.398	ng		94
55) 4-Nitrophenol	15.13	139	38716	32.374	ng	#	77
56) 2,4-Dinitrotoluene	15.28	165	107199	41.305	ng	#	82
57) Fluorene	15.95	166	335062	40.592	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.53	232	89879	39.313	ng		93
59) Diethylphthalate	15.70	149	338191	39.672	ng		97
60) 4-Chlorophenyl-phenylether	15.93	204	191592	40.763	ng		88
61) 4-Nitroaniline	15.98	138	69674	40.292	ng	#	84
62) Azobenzene	16.23	77	289030	40.314	ng		93
64) 4,6-Dinitro-2-methylphenol	16.04	198	44029	27.486	ng		93
65) n-Nitrosodiphenylamine	16.15	169	289701	40.709	ng		98
66) 4-Bromophenyl-phenylether	16.83	248	131059	41.029	ng		95
67) Hexachlorobenzene	16.97	284	150337	41.352	ng	#	87
68) Atrazine	17.09	200	126519	41.406	ng		97
69) Pentachlorophenol	17.31	266	53806m	32.756	ng		
70) Phenanthrene	17.70	178	525103	41.363	ng		95
71) Anthracene	17.80	178	530869	41.396	ng		96
72) Carbazole	18.07	167	486574	42.129	ng	#	93
73) Di-n-butylphthalate	18.59	149	585410	41.337	ng	#	94
74) Fluoranthene	19.70	202	661468	42.673	ng		93
76) Benzidine	19.88	184	271453	35.876	ng		95
77) Pyrene	20.06	202	685734	40.745	ng		94
79) Butylbenzylphthalate	20.93	149	267970	39.425	ng		95
80) Benzo(a)anthracene	21.96	228	715189	40.722	ng		92
81) 3,3'-Dichlorobenzidine	21.87	252	278562	39.120	ng	#	96
82) Chrysene	22.04	228	684213	41.059	ng		94
83) Bis(2-ethylhexyl)phthalate	21.82	149	387574	40.109	ng		99
84) Di-n-octyl phthalate	23.11	149	672431	39.829	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.43	276	827353	38.641	ng	#	57
87) Benzo(b)fluoranthene	24.35	252	735432	41.343	ng		99
88) Benzo(k)fluoranthene	24.42	252	728873	41.020	ng		95
89) Benzo(a)pyrene	25.29	252	692091	40.989	ng		98
90) Dibenzo(a,h)anthracene	29.49	278	660915	37.545	ng		99
91) Benzo(g,h,i)perylene	30.69	276	646474	37.638	ng		100

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

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