Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034972.D
Acq On : 8 Jun 2018 4:35
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/8/2018 4:45:03 PM

Quant Time: Jun 08 05:20:46 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 07 13:13:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	38485	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	161122	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	113676	20.00	ng		0.00
63) Phenanthrene-d10	17.45	188	281143	20.00	ng		0.00
75) Chrysene-d12	21.72	240	286525	20.00	ng		0.00
86) Perylene-d12	24.97	264	283001	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	190664	83.61	ng		0.00
7) Phenol-d6	7.22	99	288677	85.77	ng		-0.01
23) Nitrobenzene-d5	9.24	82	302577	89.27	ng		-0.01
41) 2,4,6-Tribromophenol	16.19	330	121153	83.26	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	684854	78.32	ng		0.00
78) Terphenyl-d14	20.05	244	1097195	80.21	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	43136	39.645	ng	#	72
3) Pyridine	3.96	79	126763	43.179	ng	#	78
4) n-Nitrosodimethylamine	3.88	42	51904	41.154	ng	#	87
6) Aniline	7.40	93	180972	41.596	ng		97
8) 2-Chlorophenol	7.64	128	99649	41.687	ng		97
9) Benzaldehyde	7.22	77	112327	43.326	ng		99
10) Phenol	7.25	94	149993	43.062	ng		91
11) bis(2-Chloroethyl)ether	7.50	93	113369	41.933	ng		93
12) 1,3-Dichlorobenzene	7.97	146	117484m	41.192	ng		
13) 1,4-Dichlorobenzene	8.12	146	120855	41.048	ng		94
14) 1,2-Dichlorobenzene	8.43	146	116114	41.986	ng		94
15) Benzyl Alcohol	8.31	79	131701	41.295	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.61	45	93078	34.591	ng		81
17) 2-Methylphenol	8.51	107	96527	42.033	ng	#	83
18) Hexachloroethane	9.17	117	44722	42.429	ng		91
19) n-Nitroso-di-n-propylamine	8.89	70	118857	41.565	ng	#	87
20) 3+4-Methylphenols	8.84	107	139951	42.517	ng		92
22) Acetophenone	8.90	105	203226	40.718	ng	#	93
24) Nitrobenzene	9.29	77	149844	43.171	ng		92
25) Isophorone	9.81	82	285858	39.944	ng		98
26) 2-Nitrophenol	9.99	139	54743	45.756	ng	#	88
27) 2,4-Dimethylphenol	10.05	122	101557	40.384	ng		93
28) bis(2-Chloroethoxy)methane	10.29	93	160281	41.677	ng		96
29) 2,4-Dichlorophenol	10.53	162	113138	41.346	ng		92
30) 1,2,4-Trichlorobenzene	10.75	180	135986	41.445	ng		96
31) Naphthalene	10.94	128	339336	40.541	ng		98
32) Benzoic acid	10.17	122	81644	48.470	ng	#	86
33) 4-Chloroaniline	11.04	127	149750	41.204	ng	#	93
34) Hexachlorobutadiene	11.22	225	102950	40.344	ng		99
35) Caprolactam	11.81	113	42122	41.652	ng	#	74
36) 4-Chloro-3-methylphenol	12.15	107	142744	41.848	ng		92
37) 2-Methylnaphthalene	12.54	142	261214	41.163	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	170479	40.263	ng		99
40) Hexachlorocyclopentadiene	12.89	237	108007	40.677	ng		87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	105515	41.617	ng		99
43) 2,4,5-Trichlorophenol	13.20	196	116406	41.831	ng		98
45) 1,1'-Biphenyl	13.54	154	363059	39.719	ng		97
46) 2-Chloronaphthalene	13.58	162	273515	39.577	ng		99
47) 2-Nitroaniline	13.77	65	90653	44.422	ng		97
48) Acenaphthylene	14.43	152	458951	39.605	ng		100
49) Dimethylphthalate	14.16	163	381009	38.436	ng		99
50) 2,6-Dinitrotoluene	14.27	165	77649	42.937	ng		95
51) Acenaphthene	14.77	154	302853	39.999	ng		97
52) 3-Nitroaniline	14.60	138	80554	45.394	ng	#	89
53) 2,4-Dinitrophenol	14.80	184	34469	47.096	ng	#	60
54) Dibenzofuran	15.10	168	449520	39.641	ng		93
55) 4-Nitrophenol	14.89	139	63349	42.298	ng	#	79
56) 2,4-Dinitrotoluene	15.05	165	111747	46.516	ng		90
57) Fluorene	15.75	166	368116	38.843	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.32	232	109588	40.538	ng		95
59) Diethylphthalate	15.52	149	387349	38.300	ng		98
60) 4-Chlorophenyl-phenylether	15.74	204	212367	39.298	ng		98
61) 4-Nitroaniline	15.76	138	84574	44.440	ng	#	78
62) Azobenzene	16.04	77	377609	38.101	ng		95
64) 4,6-Dinitro-2-methylphenol	15.82	198	61154	47.642	ng		86
65) n-Nitrosodiphenylamine	15.95	169	338305	40.069	ng		99
66) 4-Bromophenyl-phenylether	16.64	248	139756	41.279	ng		95
67) Hexachlorobenzene	16.75	284	139296	40.422	ng		95
68) Atrazine	16.91	200	148302	41.189	ng		96
69) Pentachlorophenol	17.09	266	101351	43.738	ng		98
70) Phenanthrene	17.49	178	578179	40.485	ng		99
71) Anthracene	17.58	178	575759	40.247	ng		98
72) Carbazole	17.85	167	537917	40.526	ng		98
73) Di-n-butylphthalate	18.42	149	632540	39.982	ng	#	98
74) Fluoranthene	19.50	202	742274	39.942	ng		97
76) Benzidine	19.67	184	378717	35.528	ng		99
77) Pyrene	19.85	202	759443	40.206	ng		97
79) Butylbenzylphthalate	20.75	149	284200	41.435	ng		96
80) Benzo(a)anthracene	21.70	228	733045	40.036	ng		100
81) 3,3'-Dichlorobenzidine	21.61	252	281865	40.918	ng		98
82) Chrysene	21.77	228	679766	40.549	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	398615	41.130	ng		98
84) Di-n-octyl phthalate	22.86	149	683964	41.136	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.67	276	803577	40.928	ng	#	90
87) Benzo(b)fluoranthene	23.94	252	731868	41.994	ng	#	96
88) Benzo(k)fluoranthene	24.01	252	692857	40.641	ng	#	97
89) Benzo(a)pyrene	24.81	252	681498	41.557	ng	#	95
90) Dibenzo(a,h)anthracene	28.74	278	664387	41.040	ng		97
91) Benzo(g,h,i)perylene	29.82	276	652063	41.158	ng	#	94

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

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