Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034949.D
Acq On : 7 Jun 2018 11:55
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
Sohil
6/8/2018 4:44:42 PM

Quant Time: Jun 07 12:48:02 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 11:19:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34421	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	140680	20.00	ng		0.00
38) Acenaphthene-d10	14.71	164	96001	20.00	ng		0.00
63) Phenanthrene-d10	17.45	188	247097	20.00	ng		0.00
75) Chrysene-d12	21.73	240	246151	20.00	ng		0.00
86) Perylene-d12	24.98	264	246239	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	252601	113.03	ng		0.00
7) Phenol-d6	7.24	99	369075	102.09	ng		0.00
23) Nitrobenzene-d5	9.24	82	386790	105.03	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	156074	94.40	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	877234	124.06	ng		0.00
78) Terphenyl-d14	20.07	244	1379033	122.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	59370	64.679	ng	#	73
3) Pyridine	3.96	79	160673	54.275	ng	#	78
4) n-Nitrosodimethylamine	3.88	42	70814	40.898	ng	#	85
6) Aniline	7.41	93	238829	50.607	ng		98
8) 2-Chlorophenol	7.65	128	128982	54.576	ng		98
9) Benzaldehyde	7.22	77	139253	55.747	ng		97
10) Phenol	7.26	94	192099	53.281	ng		95
11) bis(2-Chloroethyl)ether	7.51	93	142899	52.464	ng		94
12) 1,3-Dichlorobenzene	7.98	146	156505	56.272	ng		95
13) 1,4-Dichlorobenzene	8.12	146	157813	55.726	ng		95
14) 1,2-Dichlorobenzene	8.44	146	150010	53.967	ng		99
15) Benzyl Alcohol	8.32	79	177414	47.956	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.62	45	145503m	47.068	ng		
17) 2-Methylphenol	8.52	107	130382	53.831	ng	#	90
18) Hexachloroethane	9.17	117	60122	50.463	ng		96
19) n-Nitroso-di-n-propylamine	8.89	70	152728	51.580	ng		90
20) 3+4-Methylphenols	8.85	107	180544	53.466	ng		87
22) Acetophenone	8.90	105	263259	58.576	ng	#	91
24) Nitrobenzene	9.29	77	199104	52.090	ng		91
25) Isophorone	9.81	82	369485	51.761	ng		99
26) 2-Nitrophenol	10.00	139	69274	50.753	ng	#	88
27) 2,4-Dimethylphenol	10.05	122	129634	54.319	ng		90
28) bis(2-Chloroethoxy)methane	10.30	93	201492	56.082	ng		96
29) 2,4-Dichlorophenol	10.53	162	144109	57.904	ng		98
30) 1,2,4-Trichlorobenzene	10.75	180	172823	58.403	ng		99
31) Naphthalene	10.94	128	438901	60.005	ng		99
32) Benzoic acid	10.20	122	98177	58.090	ng		95
33) 4-Chloroaniline	11.04	127	189435	59.386	ng	#	88
34) Hexachlorobutadiene	11.23	225	131919	56.113	ng		93
35) Caprolactam	11.82	113	51745	54.691	ng	#	74
36) 4-Chloro-3-methylphenol	12.15	107	182323	54.370	ng		95
37) 2-Methylnaphthalene	12.54	142	330602m	55.968	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	218015	60.428	ng		99
40) Hexachlorocyclopentadiene	12.89	237	139664	49.435	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	134215	59.796	ng		94
43) 2,4,5-Trichlorophenol	13.20	196	140158	56.910	ng		96
45) 1,1'-Biphenyl	13.54	154	454954	60.171	ng		95
46) 2-Chloronaphthalene	13.59	162	350294	58.857	ng		99
47) 2-Nitroaniline	13.78	65	115276	47.410	ng		99
48) Acenaphthylene	14.43	152	582281	63.930	ng		98
49) Dimethylphthalate	14.17	163	488057	58.899	ng		99
50) 2,6-Dinitrotoluene	14.28	165	97458	57.352	ng		95
51) Acenaphthene	14.77	154	385585	65.301	ng		98
52) 3-Nitroaniline	14.61	138	100499	63.989	ng	#	97
53) 2,4-Dinitrophenol	14.80	184	42253	37.794	ng	#	64
54) Dibenzofuran	15.11	168	569085	58.755	ng		91
55) 4-Nitrophenol	14.90	139	81468	59.028	ng	#	85
56) 2,4-Dinitrotoluene	15.06	165	134499	53.321	ng		96
57) Fluorene	15.75	166	469198	62.068	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.32	232	139937	52.086	ng		99
59) Diethylphthalate	15.53	149	503020	58.371	ng		99
60) 4-Chlorophenyl-phenylether	15.75	204	274656	61.183	ng		98
61) 4-Nitroaniline	15.77	138	104060	58.445	ng	#	74
62) Azobenzene	16.04	77	486830	53.215	ng		96
64) 4,6-Dinitro-2-methylphenol	15.82	198	75929	47.919	ng		84
65) n-Nitrosodiphenylamine	15.96	169	439070	60.764	ng		98
66) 4-Bromophenyl-phenylether	16.64	248	175227	53.885	ng	#	92
67) Hexachlorobenzene	16.75	284	179454	49.939	ng		96
68) Atrazine	16.91	200	186615	58.275	ng		98
69) Pentachlorophenol	17.09	266	132936	61.344	ng		99
70) Phenanthrene	17.49	178	735500	54.650	ng		98
71) Anthracene	17.59	178	736803	54.029	ng		97
72) Carbazole	17.85	167	678482	60.118	ng		97
73) Di-n-butylphthalate	18.42	149	807016	57.756	ng	#	98
74) Fluoranthene	19.50	202	942401	56.976	ng		97
76) Benzidine	19.68	184	539444	86.621	ng	#	96
77) Pyrene	19.86	202	954891	61.974	ng		98
79) Butylbenzylphthalate	20.76	149	366784	61.740	ng		97
80) Benzo(a)anthracene	21.71	228	926165	57.905	ng		100
81) 3,3'-Dichlorobenzidine	21.62	252	362663	58.296	ng		98
82) Chrysene	21.77	228	863498	58.864	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	509129	63.102	ng		100
84) Di-n-octyl phthalate	22.88	149	883832	65.441	ng		95
85) Indeno(1,2,3-cd)pyrene	28.70	276	1044334	55.640	ng	#	85
87) Benzo(b)fluoranthene	23.95	252	934893	60.000	ng	#	97
88) Benzo(k)fluoranthene	24.02	252	893418	60.360	ng	#	96
89) Benzo(a)pyrene	24.83	252	879732	59.485	ng	#	96
90) Dibenzo(a,h)anthracene	28.77	278	854225	58.246	ng		95
91) Benzo(g,h,i)perylene	29.85	276	850522	57.691	ng	#	93

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

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