Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
Data File : BG039729.D
Acq On : 4 Mar 2019 13:37
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
3/5/2019 5:21:36 PM

Quant Time: Mar 04 14:37:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 11:01:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39518	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	179099	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	124547	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	314921	20.00	ng		0.00
76) Chrysene-d12	21.82	240	344302	20.00	ng		-0.01
87) Perylene-d12	25.19	264	338792	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	11428	4.95	ng		0.00
7) Phenol-d6	7.29	99	16294	4.79	ng		-0.02
23) Nitrobenzene-d5	9.33	82	16083	5.61	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	6303	4.70	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	49041	5.65	ng		-0.01
79) Terphenyl-d14	20.12	244	87099	5.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	2950	2.921	ng	#	93
3) Pyridine	4.00	79	6900	2.580	ng	#	78
4) n-Nitrosodimethylamine	3.93	42	2988	2.234	ng	#	61
6) Aniline	7.48	93	11297	2.654	ng	#	82
8) 2-Chlorophenol	7.71	128	6842	2.711	ng		91
9) Benzaldehyde	7.30	77	6072	3.277	ng	#	72
10) Phenol	7.32	94	9036	2.550	ng		86
11) bis(2-Chloroethyl)ether	7.57	93	7021	2.508	ng		97
12) 1,3-Dichlorobenzene	8.05	146	8400	2.747	ng		94
13) 1,4-Dichlorobenzene	8.19	146	8841	2.901	ng		97
14) 1,2-Dichlorobenzene	8.52	146	8217	2.785	ng		99
15) Benzyl Alcohol	8.40	79	5693	2.134	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.69	45	15252	2.413	ng		93
17) 2-Methylphenol	8.59	107	5405	2.357	ng		96
18) Hexachloroethane	9.24	117	3080	2.938	ng		95
19) n-Nitroso-di-n-propylamine	8.96	70	5835	2.419	ng	#	84
20) 3+4-Methylphenols	8.91	107	7464	2.364	ng		91
22) Acetophenone	8.99	105	11595	2.410	ng	#	96
24) Nitrobenzene	9.38	77	8529	2.754	ng	#	88
25) Isophorone	9.88	82	16257	2.559	ng		98
26) 2-Nitrophenol	10.09	139	3949	3.481	ng		97
27) 2,4-Dimethylphenol	10.13	122	5940	2.311	ng		95
28) bis(2-Chloroethoxy)methane	10.37	93	10443	2.669	ng		100
29) 2,4-Dichlorophenol	10.62	162	6207	2.210	ng		88
30) 1,2,4-Trichlorobenzene	10.84	180	8751	2.775	ng	#	93
31) Naphthalene	11.03	128	24385	2.745	ng		99
33) 4-Chloroaniline	11.15	127	9092	2.207	ng	#	96
34) Hexachlorobutadiene	11.29	225	5853	2.791	ng	#	82
35) Caprolactam	11.89	113	2624	2.258	ng	#	74
36) 4-Chloro-3-methylphenol	12.23	107	7902	2.433	ng	#	78
37) 2-Methylnaphthalene	12.62	142	17913	2.722	ng		94
38) 1-Methylnaphthalene	12.84	142	17581	2.772	ng	#	90
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	11388	2.874	ng		95
41) Hexachlorocyclopentadiene	12.94	237	4438	2.055	ng		89

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43) 2,4,6-Trichlorophenol	13.22	196	5034	2.066	ng		91
44) 2,4,5-Trichlorophenol	13.29	196	5812	2.276	ng		94
46) 1,1'-Biphenyl	13.61	154	27464	2.650	ng		92
47) 2-Chloronaphthalene	13.66	162	19968	2.561	ng		95
48) 2-Nitroaniline	13.87	65	5256	2.657	ng		95
49) Acenaphthylene	14.51	152	31389	2.668	ng		98
50) Dimethylphthalate	14.23	163	27245	2.709	ng		96
51) 2,6-Dinitrotoluene	14.36	165	4692	2.760	ng		89
52) Acenaphthene	14.85	154	19613	2.569	ng		94
53) 3-Nitroaniline	14.70	138	4943	2.661	ng	#	96
55) Dibenzofuran	15.18	168	32893	2.687	ng		96
57) 2,4-Dinitrotoluene	15.14	165	6617	3.088	ng	#	83
58) Fluorene	15.82	166	25376	2.781	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	5493	2.297	ng	#	97
60) Diethylphthalate	15.58	149	26223	2.521	ng		94
61) 4-Chlorophenyl-phenylether	15.81	204	13360	2.585	ng	#	93
62) 4-Nitroaniline	15.85	138	5028	2.550	ng		93
63) Azobenzene	16.11	77	24159	2.377	ng		93
66) n-Nitrosodiphenylamine	16.03	169	22474	2.347	ng		93
67) 4-Bromophenyl-phenylether	16.71	248	8861	2.536	ng		98
68) Hexachlorobenzene	16.82	284	8943	2.551	ng		94
69) Atrazine	16.96	200	8642	2.470	ng		91
71) Phenanthrene	17.57	178	47248	2.899	ng		99
72) Anthracene	17.66	178	44572	2.776	ng		98
73) Carbazole	17.93	167	39766	2.482	ng		98
74) Di-n-butylphthalate	18.46	149	46646	2.495	ng		98
75) Fluoranthene	19.57	202	56436	2.983	ng		92
77) Benzidine	19.75	184	18313	1.622	ng		96
78) Pyrene	19.94	202	56831	2.651	ng		96
80) Butylbenzylphthalate	20.80	149	18155	2.008	ng		97
81) Benzo(a)anthracene	21.79	228	55218	2.714	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	17981	2.384	ng		98
83) Chrysene	21.86	228	55614	2.872	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	26022	2.017	ng	#	99
85) Di-n-octyl phthalate	22.92	149	40456	1.898	ng	#	97
86) Indeno(1,2,3-cd)pyrene	29.05	276	54463	2.621	ng	#	80
88) Benzo(b)fluoranthene	24.11	252	50987	2.760	ng		98
89) Benzo(k)fluoranthene	24.18	252	48346m	2.606	ng		
90) Benzo(a)pyrene	25.02	252	45392	2.551	ng		99
91) Dibenzo(a,h)anthracene	29.12	278	44518	2.672	ng		94
92) Benzo(g,h,i)perylene	30.26	276	43964	2.647	ng		94

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

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