Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
Data File : BG040020.D
Acq On : 20 Mar 2019 2:37
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/20/2019 4:59:23 PM

Quant Time: Mar 20 04:59:03 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 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	37148	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	167731	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	117040	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	286890	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	272817	20.00	ng		-0.02
87) Perylene-d12	25.16	264	281391	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	165512	76.01	ng		-0.02
7) Phenol-d6	7.29	99	249121	76.73	ng		-0.02
23) Nitrobenzene-d5	9.32	82	254829	82.17	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	108697	79.68	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	613036	74.58	ng		-0.02
79) Terphenyl-d14	20.11	244	976612	78.82	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	33482	33.306	ng		99
3) Pyridine	3.98	79	102172	37.964	ng		99
4) n-Nitrosodimethylamine	3.90	42	52685	41.265	ng	#	98
6) Aniline	7.47	93	160244	37.672	ng		98
8) 2-Chlorophenol	7.71	128	98398	37.248	ng		98
9) Benzaldehyde	7.29	77	69745	33.301	ng		98
10) Phenol	7.32	94	134407	38.213	ng		99
11) bis(2-Chloroethyl)ether	7.56	93	103227	37.642	ng		98
12) 1,3-Dichlorobenzene	8.03	146	114659	38.377	ng		95
13) 1,4-Dichlorobenzene	8.18	146	112139	36.849	ng		98
14) 1,2-Dichlorobenzene	8.50	146	108725	36.977	ng		99
15) Benzyl Alcohol	8.38	79	99107	38.481	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	215198	39.236	ng		99
17) 2-Methylphenol	8.57	107	87435	38.986	ng		98
18) Hexachloroethane	9.23	117	42653	39.061	ng		95
19) n-Nitroso-di-n-propylamine	8.94	70	91193	39.023	ng		98
20) 3+4-Methylphenols	8.91	107	118687	38.093	ng		97
22) Acetophenone	8.97	105	174989	38.870	ng	#	96
24) Nitrobenzene	9.37	77	131699	40.479	ng		96
25) Isophorone	9.88	82	257683	39.654	ng		99
26) 2-Nitrophenol	10.07	139	64490	41.054	ng		94
27) 2,4-Dimethylphenol	10.11	122	94062	38.501	ng		92
28) bis(2-Chloroethoxy)methane	10.36	93	151676	38.409	ng		100
29) 2,4-Dichlorophenol	10.61	162	107458	39.066	ng		98
30) 1,2,4-Trichlorobenzene	10.82	180	117754	38.044	ng		99
31) Naphthalene	11.02	128	340857	38.382	ng		98
32) Benzoic acid	10.25	122	59835	37.365	ng		97
33) 4-Chloroaniline	11.13	127	147414	39.146	ng		98
34) Hexachlorobutadiene	11.28	225	79387	37.534	ng		96
35) Caprolactam	11.92	113	42327	40.283	ng		95
36) 4-Chloro-3-methylphenol	12.23	107	126547	40.134	ng		99
37) 2-Methylnaphthalene	12.61	142	258108	38.875	ng		97
38) 1-Methylnaphthalene	12.83	142	250504	38.824	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	147706	37.252	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	81198	38.213	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	89917	38.735	ng		98
44) 2,4,5-Trichlorophenol	13.28	196	101389	38.749	ng		99
46) 1,1'-Biphenyl	13.60	154	361229	37.525	ng		98
47) 2-Chloronaphthalene	13.66	162	268737	37.109	ng		99
48) 2-Nitroaniline	13.86	65	99285	42.661	ng		98
49) Acenaphthylene	14.50	152	459334	38.638	ng		99
50) Dimethylphthalate	14.22	163	370975	37.906	ng		99
51) 2,6-Dinitrotoluene	14.35	165	86266	41.579	ng		99
52) Acenaphthene	14.84	154	272414	38.072	ng		96
53) 3-Nitroaniline	14.68	138	83772	40.167	ng	#	93
54) 2,4-Dinitrophenol	14.89	184	50350	41.210	ng		99
55) Dibenzofuran	15.17	168	445816	37.976	ng		98
56) 4-Nitrophenol	14.98	139	74050	39.691	ng		94
57) 2,4-Dinitrotoluene	15.14	165	117951	40.460	ng		90
58) Fluorene	15.81	166	354935	38.459	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	100501	39.329	ng		99
60) Diethylphthalate	15.57	149	380989	39.325	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	181603	36.876	ng		99
62) 4-Nitroaniline	15.85	138	90426	39.994	ng		96
63) Azobenzene	16.09	77	354193	40.331	ng		99
65) 4,6-Dinitro-2-methylphenol	15.89	198	71492	42.146	ng		98
66) n-Nitrosodiphenylamine	16.02	169	321893	38.756	ng		98
67) 4-Bromophenyl-phenylether	16.69	248	124269	38.698	ng		98
68) Hexachlorobenzene	16.81	284	124462	37.391	ng		96
69) Atrazine	16.96	200	121579	37.194	ng		97
70) Pentachlorophenol	17.16	266	78140	37.170	ng		99
71) Phenanthrene	17.56	178	602412	38.122	ng		99
72) Anthracene	17.65	178	594644	38.616	ng		99
73) Carbazole	17.92	167	529707	38.157	ng		99
74) Di-n-butylphthalate	18.45	149	639693	39.164	ng		100
75) Fluoranthene	19.56	202	705674	37.786	ng		99
77) Benzidine	19.74	184	326536	37.718	ng		99
78) Pyrene	19.92	202	699443	39.455	ng		99
80) Butylbenzylphthalate	20.79	149	281408	40.973	ng		93
81) Benzo(a)anthracene	21.78	228	655157	38.317	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	232408	37.230	ng		100
83) Chrysene	21.85	228	636754	38.414	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	394708	40.896	ng		99
85) Di-n-octyl phthalate	22.89	149	656225	41.064	ng		97
86) Indeno(1,2,3-cd)pyrene	29.02	276	731001	38.873	ng	#	96
88) Benzo(b)fluoranthene	24.09	252	643635m	38.357	ng		
89) Benzo(k)fluoranthene	24.16	252	595848	38.147	ng		99
90) Benzo(a)pyrene	25.01	252	603763	38.938	ng		99
91) Dibenzo(a,h)anthracene	29.09	278	584617	38.459	ng		98
92) Benzo(g,h,i)perylene	30.24	276	587946	38.512	ng		96

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

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