Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
Data File : BG040787.D
Acq On : 8 May 2019 4:41
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
sohil
5/9/2019 6:29:25 PM

Quant Time: May 08 13:17:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	42985	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	183437	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	132371	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	341826	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	335484	20.00	ng		-0.03
87) Perylene-d12	25.15	264	349531	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	248270	101.81	ng		-0.01
7) Phenol-d6	7.28	99	375887	100.11	ng		-0.02
23) Nitrobenzene-d5	9.32	82	430508	108.44	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	192649	105.88	ng		-0.02
45) 2-Fluorobiphenyl	13.40	172	931645	101.64	ng		-0.02
79) Terphenyl-d14	20.11	244	1644320	108.59	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	53483	48.227	ng		93
3) Pyridine	3.95	79	160276	49.861	ng		96
4) n-Nitrosodimethylamine	3.88	42	89474	50.183	ng	#	92
6) Aniline	7.47	93	232079	46.635	ng		98
8) 2-Chlorophenol	7.70	128	144599	48.564	ng		97
9) Benzaldehyde	7.28	77	117287	59.002	ng		94
10) Phenol	7.31	94	200668	49.719	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	146472	48.396	ng		96
12) 1,3-Dichlorobenzene	8.03	146	162285	49.935	ng		98
13) 1,4-Dichlorobenzene	8.18	146	163963	49.768	ng		99
14) 1,2-Dichlorobenzene	8.50	146	153592	48.342	ng		96
15) Benzyl Alcohol	8.38	79	182929	46.825	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	254338	42.209	ng		95
17) 2-Methylphenol	8.57	107	136255	47.704	ng		95
18) Hexachloroethane	9.23	117	65489	48.458	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	148902	44.056	ng		93
20) 3+4-Methylphenols	8.90	107	194397	48.856	ng		98
22) Acetophenone	8.97	105	261446	51.255	ng	#	97
24) Nitrobenzene	9.37	77	230745	54.476	ng		98
25) Isophorone	9.88	82	418097	47.280	ng		99
26) 2-Nitrophenol	10.08	139	94964	62.545	ng		98
27) 2,4-Dimethylphenol	10.11	122	138584	48.647	ng		96
28) bis(2-Chloroethoxy)methane	10.36	93	214981	48.455	ng		97
29) 2,4-Dichlorophenol	10.60	162	175427	54.166	ng		99
30) 1,2,4-Trichlorobenzene	10.82	180	194654	54.198	ng		98
31) Naphthalene	11.02	128	492709	50.558	ng		98
32) Benzoic acid	10.17	122	36325m	18.626	ng		
33) 4-Chloroaniline	11.12	127	217317	50.294	ng		94
34) Hexachlorobutadiene	11.28	225	144502	54.498	ng		99
35) Caprolactam	11.92	113	62842	49.146	ng	#	86
36) 4-Chloro-3-methylphenol	12.22	107	208112	50.937	ng		99
37) 2-Methylnaphthalene	12.61	142	370101	50.793	ng		98
38) 1-Methylnaphthalene	12.83	142	364705	51.208	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	261792	53.089	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	114885	39.482	ng		99
43) 2,4,6-Trichlorophenol	13.20	196	161759	54.283	ng		97
44) 2,4,5-Trichlorophenol	13.27	196	179982	55.444	ng		98
46) 1,1'-Biphenyl	13.61	154	508023	49.431	ng		97
47) 2-Chloronaphthalene	13.66	162	402584	50.054	ng		98
48) 2-Nitroaniline	13.86	65	162626	56.803	ng		98
49) Acenaphthylene	14.50	152	674016	49.393	ng		100
50) Dimethylphthalate	14.22	163	553296	49.958	ng		98
51) 2,6-Dinitrotoluene	14.35	165	126516	58.530	ng		95
52) Acenaphthene	14.84	154	378313	47.605	ng		95
53) 3-Nitroaniline	14.68	138	122465	55.295	ng		89
54) 2,4-Dinitrophenol	14.88	184	4716	10.544	ng		93
55) Dibenzofuran	15.17	168	658063	50.556	ng		99
56) 4-Nitrophenol	14.96	139	65129	33.914	ng		93
57) 2,4-Dinitrotoluene	15.13	165	176445	60.073	ng		94
58) Fluorene	15.82	166	525941	49.991	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	171484	52.484	ng		95
60) Diethylphthalate	15.57	149	568076	48.615	ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	319611	52.234	ng		97
62) 4-Nitroaniline	15.84	138	127978	51.657	ng		99
63) Azobenzene	16.10	77	552978	45.951	ng		96
65) 4,6-Dinitro-2-methylphenol	15.89	198	22437	18.452	ng		86
66) n-Nitrosodiphenylamine	16.02	169	475507	47.282	ng		95
67) 4-Bromophenyl-phenylether	16.70	248	215117	50.513	ng		93
68) Hexachlorobenzene	16.81	284	224653	51.017	ng		97
69) Atrazine	16.96	200	184997	46.429	ng		96
70) Pentachlorophenol	17.15	266	77251	29.980	ng		98
71) Phenanthrene	17.56	178	888334	48.249	ng		99
72) Anthracene	17.65	178	883501	47.739	ng		99
73) Carbazole	17.92	167	787659	46.715	ng		99
74) Di-n-butylphthalate	18.45	149	923970	45.401	ng		99
75) Fluoranthene	19.56	202	1138924	49.639	ng		99
77) Benzidine	19.74	184	333617	36.319	ng		99
78) Pyrene	19.92	202	1135460	54.001	ng		99
80) Butylbenzylphthalate	20.79	149	415975	50.758	ng		97
81) Benzo(a)anthracene	21.78	228	1132205	53.399	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	396561	52.474	ng		99
83) Chrysene	21.85	228	1098192	54.462	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	585784	49.517	ng		100
85) Di-n-octyl phthalate	22.91	149	975407	48.959	ng		97
86) Indeno(1,2,3-cd)pyrene	29.01	276	1042565	42.763	ng	#	91
88) Benzo(b)fluoranthene	24.08	252	1081110	50.615	ng		99
89) Benzo(k)fluoranthene	24.15	252	1060958	53.188	ng		97
90) Benzo(a)pyrene	25.00	252	1023469	50.621	ng		98
91) Dibenzo(a,h)anthracene	29.08	278	827857	40.462	ng		98
92) Benzo(g,h,i)perylene	30.22	276	769005	37.765	ng		99

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

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