Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
Data File : BG040778.D
Acq On : 7 May 2019 20:25
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
5/9/2019 6:29:05 PM

Quant Time: May 08 09:07:08 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	52300	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	228792	20.00	ng		-0.02
39) Acenaphthene-d10	14.78	164	165712	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	425394	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	411204	20.00	ng		-0.02
87) Perylene-d12	25.15	264	442224	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	258066	86.98	ng		0.00
7) Phenol-d6	7.28	99	407239	89.15	ng		-0.02
23) Nitrobenzene-d5	9.32	82	462790	93.46	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	216362	94.99	ng		-0.02
45) 2-Fluorobiphenyl	13.40	172	994484	86.67	ng		-0.02
79) Terphenyl-d14	20.11	244	1737542	93.61	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	57333	42.491	ng		93
3) Pyridine	3.95	79	168142	42.992	ng		97
4) n-Nitrosodimethylamine	3.87	42	90882	41.894	ng		83
6) Aniline	7.47	93	251062	41.464	ng		97
8) 2-Chlorophenol	7.70	128	155092	42.811	ng		97
9) Benzaldehyde	7.28	77	117845	44.291	ng		93
10) Phenol	7.31	94	219031	44.604	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	153127	41.584	ng		98
12) 1,3-Dichlorobenzene	8.03	146	172711	43.678	ng		98
13) 1,4-Dichlorobenzene	8.18	146	174090	43.431	ng		98
14) 1,2-Dichlorobenzene	8.50	146	166633	43.105	ng		99
15) Benzyl Alcohol	8.38	79	192257	40.447	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	266401	36.337	ng		97
17) 2-Methylphenol	8.57	107	145391	41.837	ng		95
18) Hexachloroethane	9.24	117	69558	42.302	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	160545	39.041	ng		97
20) 3+4-Methylphenols	8.90	107	207146	42.788	ng		99
22) Acetophenone	8.98	105	277127	43.559	ng	#	95
24) Nitrobenzene	9.36	77	239468	45.328	ng		95
25) Isophorone	9.88	82	452412	41.018	ng		99
26) 2-Nitrophenol	10.08	139	102949	54.363	ng		96
27) 2,4-Dimethylphenol	10.12	122	151200	42.554	ng		94
28) bis(2-Chloroethoxy)methane	10.36	93	229366	41.449	ng		99
29) 2,4-Dichlorophenol	10.60	162	190215	47.089	ng		96
30) 1,2,4-Trichlorobenzene	10.82	180	206311	46.056	ng		99
31) Naphthalene	11.02	128	527724	43.416	ng		99
32) Benzoic acid	10.19	122	42832m	17.609	ng		
33) 4-Chloroaniline	11.13	127	232848	43.206	ng		95
34) Hexachlorobutadiene	11.28	225	153450	46.400	ng		98
35) Caprolactam	11.92	113	67354	42.233	ng	#	86
36) 4-Chloro-3-methylphenol	12.22	107	226244	44.398	ng		99
37) 2-Methylnaphthalene	12.61	142	395264	43.493	ng		99
38) 1-Methylnaphthalene	12.83	142	386296	43.487	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	285733	46.286	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	145731	40.007	ng		97
43) 2,4,6-Trichlorophenol	13.21	196	175988	47.175	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	195124	48.015	ng		98
46) 1,1'-Biphenyl	13.61	154	543412	42.236	ng		96
47) 2-Chloronaphthalene	13.66	162	443041	44.001	ng		97
48) 2-Nitroaniline	13.86	65	175507	48.968	ng		98
49) Acenaphthylene	14.50	152	725155	42.449	ng		99
50) Dimethylphthalate	14.22	163	599335	43.227	ng		99
51) 2,6-Dinitrotoluene	14.35	165	133661	49.395	ng		94
52) Acenaphthene	14.84	154	410634	41.276	ng		95
53) 3-Nitroaniline	14.68	138	129228	46.609	ng	#	94
54) 2,4-Dinitrophenol	14.88	184	10813	13.479	ng	#	88
55) Dibenzofuran	15.17	168	706914	43.382	ng		99
56) 4-Nitrophenol	14.96	139	83669	34.802	ng		94
57) 2,4-Dinitrotoluene	15.13	165	188809	51.349	ng		97
58) Fluorene	15.82	166	573414	43.538	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	201453	49.251	ng		95
60) Diethylphthalate	15.57	149	612881	41.896	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	347683	45.389	ng		96
62) 4-Nitroaniline	15.85	138	138793	44.751	ng		96
63) Azobenzene	16.10	77	592742	39.345	ng		97
65) 4,6-Dinitro-2-methylphenol	15.89	198	31749	20.007	ng		93
66) n-Nitrosodiphenylamine	16.02	169	516491	41.268	ng		97
67) 4-Bromophenyl-phenylether	16.70	248	228663	43.146	ng		95
68) Hexachlorobenzene	16.81	284	241454	44.061	ng		97
69) Atrazine	16.96	200	185199	37.349	ng		94
70) Pentachlorophenol	17.16	266	109273	34.076	ng		96
71) Phenanthrene	17.56	178	950362	41.477	ng		98
72) Anthracene	17.65	178	949092	41.209	ng		99
73) Carbazole	17.92	167	852614	40.633	ng		100
74) Di-n-butylphthalate	18.45	149	989562	39.072	ng		100
75) Fluoranthene	19.56	202	1194809	41.845	ng		99
77) Benzidine	19.74	184	367860	32.673	ng		99
78) Pyrene	19.92	202	1219992	47.337	ng		98
80) Butylbenzylphthalate	20.79	149	452938	45.091	ng		93
81) Benzo(a)anthracene	21.78	228	1215218	46.760	ng		100
82) 3,3'-Dichlorobenzidine	21.69	252	422003	45.558	ng		98
83) Chrysene	21.85	228	1151232	46.579	ng		98
84) Bis(2-ethylhexyl)phthalate	21.66	149	628253	43.328	ng		95
85) Di-n-octyl phthalate	22.91	149	1049258	42.968	ng		97
86) Indeno(1,2,3-cd)pyrene	29.01	276	1176107	39.358	ng	#	90
88) Benzo(b)fluoranthene	24.08	252	1161635	42.986	ng		98
89) Benzo(k)fluoranthene	24.15	252	1130986	44.814	ng		97
90) Benzo(a)pyrene	24.99	252	1106244	43.246	ng		99
91) Dibenzo(a,h)anthracene	29.09	278	912240	35.240	ng	#	97
92) Benzo(g,h,i)perylene	30.23	276	934722	36.282	ng		99

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

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