Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041492.D
Acq On : 27 Jun 2019 17:40
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/1/2019 8:10:59 AM

Quant Time: Jun 28 06:50:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	22648	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	87501	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	61855	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	163142	20.00	ng		0.00
76) Chrysene-d12	21.70	240	198682	20.00	ng		0.00
87) Perylene-d12	24.99	264	216141	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	106114	83.53	ng		0.00
7) Phenol-d6	7.18	99	155346	86.87	ng		0.00
23) Nitrobenzene-d5	9.21	82	170330	81.19	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	85672	81.12	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	401051	83.20	ng		0.00
79) Terphenyl-d14	20.03	244	764350	81.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	24820	43.163	ng		99
3) Pyridine	3.82	79	64699	44.345	ng		97
4) n-Nitrosodimethylamine	3.75	42	35128	43.267	ng		98
6) Aniline	7.35	93	98319	42.653	ng		96
8) 2-Chlorophenol	7.59	128	61016	42.829	ng		94
9) Benzaldehyde	7.17	77	44403	41.115	ng		96
10) Phenol	7.21	94	77008	42.728	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	58014	40.590	ng		98
12) 1,3-Dichlorobenzene	7.91	146	78121	42.389	ng		94
13) 1,4-Dichlorobenzene	8.06	146	77738	41.842	ng		96
14) 1,2-Dichlorobenzene	8.38	146	75349	42.359	ng		97
15) Benzyl Alcohol	8.28	79	58179	40.852	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.55	45	82179	40.944	ng		99
17) 2-Methylphenol	8.48	107	57778	44.040	ng		94
18) Hexachloroethane	9.11	117	31056	42.365	ng		93
19) n-Nitroso-di-n-propylamine	8.84	70	53828	40.354	ng		95
20) 3+4-Methylphenols	8.81	107	74407	42.552	ng		95
22) Acetophenone	8.86	105	108253	41.244	ng		96
24) Nitrobenzene	9.26	77	85523	40.612	ng		98
25) Isophorone	9.77	82	150997	40.087	ng		98
26) 2-Nitrophenol	9.97	139	35971	40.901	ng		96
27) 2,4-Dimethylphenol	10.02	122	49348	40.317	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	80007	40.168	ng		100
29) 2,4-Dichlorophenol	10.50	162	69554	42.070	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	86820	40.972	ng		96
31) Naphthalene	10.90	128	201287	41.596	ng		96
32) Benzoic acid	10.16	122	32739m	46.418	ng		
33) 4-Chloroaniline	11.02	127	84526	41.496	ng		99
34) Hexachlorobutadiene	11.16	225	68442	40.690	ng		96
35) Caprolactam	11.81	113	20158	39.049	ng	#	87
36) 4-Chloro-3-methylphenol	12.14	107	71054	39.666	ng		97
37) 2-Methylnaphthalene	12.51	142	144596	40.447	ng		98
38) 1-Methylnaphthalene	12.72	142	136029	39.884	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	112285	41.225	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	52349	37.456	ng		91
43) 2,4,6-Trichlorophenol	13.11	196	66747	41.304	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	65893	40.929	ng		99
46) 1,1'-Biphenyl	13.51	154	197032	40.353	ng		99
47) 2-Chloronaphthalene	13.56	162	171828	40.989	ng		99
48) 2-Nitroaniline	13.78	65	57387	40.384	ng		95
49) Acenaphthylene	14.40	152	253717	40.492	ng		99
50) Dimethylphthalate	14.13	163	229929	40.848	ng	#	99
51) 2,6-Dinitrotoluene	14.26	165	46478	38.909	ng		97
52) Acenaphthene	14.74	154	150109	40.399	ng		100
53) 3-Nitroaniline	14.60	138	46149	40.468	ng		93
54) 2,4-Dinitrophenol	14.81	184	26962	38.623	ng		97
55) Dibenzofuran	15.07	168	264016	40.816	ng		98
56) 4-Nitrophenol	14.91	139	28465	38.678	ng		92
57) 2,4-Dinitrotoluene	15.05	165	69493	40.101	ng		98
58) Fluorene	15.72	166	208740	40.563	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	69529	40.967	ng	#	98
60) Diethylphthalate	15.48	149	231708	40.215	ng		97
61) 4-Chlorophenyl-phenylether	15.71	204	133624	40.257	ng		96
62) 4-Nitroaniline	15.76	138	46844	42.148	ng		95
63) Azobenzene	16.00	77	195535	40.251	ng		95
65) 4,6-Dinitro-2-methylphenol	15.81	198	40540	40.123	ng		97
66) n-Nitrosodiphenylamine	15.93	169	184580	41.109	ng		100
67) 4-Bromophenyl-phenylether	16.60	248	91960	41.249	ng		98
68) Hexachlorobenzene	16.72	284	98588	41.044	ng		96
69) Atrazine	16.87	200	77116	40.575	ng		97
70) Pentachlorophenol	17.07	266	45814	42.093	ng		96
71) Phenanthrene	17.47	178	376670	41.906	ng		99
72) Anthracene	17.56	178	374751	41.669	ng		99
73) Carbazole	17.84	167	328960	43.027	ng		98
74) Di-n-butylphthalate	18.36	149	422653	43.984	ng		99
75) Fluoranthene	19.48	202	524929	43.802	ng		99
77) Benzidine	19.66	184	213338	48.394	ng		99
78) Pyrene	19.84	202	541321	39.911	ng		99
80) Butylbenzylphthalate	20.70	149	205317	40.533	ng		100
81) Benzo(a)anthracene	21.68	228	571984	41.409	ng		100
82) 3,3'-Dichlorobenzidine	21.60	252	203445	42.534	ng		96
83) Chrysene	21.75	228	551635	41.258	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	293619	40.887	ng		99
85) Di-n-octyl phthalate	22.77	149	497111	40.906	ng		98
86) Indeno(1,2,3-cd)pyrene	28.76	276	671641	41.485	ng	#	99
88) Benzo(b)fluoranthene	23.93	252	559848	40.610	ng		100
89) Benzo(k)fluoranthene	24.01	252	572674	42.311	ng		99
90) Benzo(a)pyrene	24.83	252	541804	41.380	ng		99
91) Dibenzo(a,h)anthracene	28.82	278	547268	41.721	ng		99
92) Benzo(g,h,i)perylene	29.95	276	533717	40.922	ng		99

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

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