Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
Data File : BG042661.D
Acq On : 1 Sep 2019 12:37
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/6/2019 8:16:57 AM

Quant Time: Sep 02 07:46:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	28426	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	128279	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	106893	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	255090	20.00	ng	0.00
76) Chrysene-d12	21.69	240	260897	20.00	ng	0.00
87) Perylene-d12	24.93	264	315338	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	107390	76.51	ng	0.00
7) Phenol-d6	7.17	99	153044	80.72	ng	0.00
23) Nitrobenzene-d5	9.18	82	146846	79.11	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	130133	85.65	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	523947	82.90	ng	0.00
79) Terphenyl-d14	20.03	244	989567	82.00	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	21022	35.890	ng	98
3) Pyridine	3.83	79	56578	37.670	ng	98
4) n-Nitrosodimethylamine	3.75	42	22176	41.339	ng	94
6) Aniline	7.33	93	99115	39.196	ng	99
8) 2-Chlorophenol	7.57	128	67266	39.545	ng	97
9) Benzaldehyde	7.14	77	37595	39.609	ng	99
10) Phenol	7.20	94	76584	39.730	ng	92
11) bis(2-Chloroethyl)ether	7.42	93	60301	39.832	ng	94
12) 1,3-Dichlorobenzene	7.90	146	87236	40.314	ng	98
13) 1,4-Dichlorobenzene	8.05	146	87371	39.862	ng	99
14) 1,2-Dichlorobenzene	8.36	146	85074	40.530	ng	97
15) Benzyl Alcohol	8.25	79	58936	43.209	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	76812	37.435	ng	98
17) 2-Methylphenol	8.46	107	58452	41.169	ng	96
18) Hexachloroethane	9.10	117	29267	39.004	ng	92
19) n-Nitroso-di-n-propylamine	8.82	70	52438	42.693	ng	94
20) 3+4-Methylphenols	8.79	107	80424	40.936	ng	96
22) Acetophenone	8.83	105	112104	40.859	ng	100
24) Nitrobenzene	9.22	77	72623	38.634	ng	96
25) Isophorone	9.74	82	147402	40.235	ng	99
26) 2-Nitrophenol	9.94	139	46393	39.383	ng	96
27) 2,4-Dimethylphenol	10.00	122	65065	40.097	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	90506	39.197	ng	97
29) 2,4-Dichlorophenol	10.48	162	89421	42.119	ng	99
30) 1,2,4-Trichlorobenzene	10.69	180	107815	41.373	ng	98
31) Naphthalene	10.88	128	237419	39.864	ng	100
32) Benzoic acid	10.16	122	35351	33.078	ng	99
33) 4-Chloroaniline	10.99	127	113199	41.174	ng	98
34) Hexachlorobutadiene	11.17	225	73883	42.186	ng	99
35) Caprolactam	11.77	113	30075	42.454	ng	98
36) 4-Chloro-3-methylphenol	12.12	107	85465	42.406	ng	97
37) 2-Methylnaphthalene	12.49	142	203626	42.581	ng	99
38) 1-Methylnaphthalene	12.71	142	195828	43.111	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	141175	41.126	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	55451	30.752	ng		95
43) 2,4,6-Trichlorophenol	13.10	196	92549	39.887	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	94532	39.315	ng		98
46) 1,1'-Biphenyl	13.49	154	273980	39.652	ng		98
47) 2-Chloronaphthalene	13.54	162	240103	40.300	ng		99
48) 2-Nitroaniline	13.74	65	55144	38.382	ng		96
49) Acenaphthylene	14.39	152	360683	40.239	ng		99
50) Dimethylphthalate	14.12	163	322185	41.773	ng		99
51) 2,6-Dinitrotoluene	14.23	165	74289	41.555	ng		96
52) Acenaphthene	14.73	154	216598	39.795	ng		96
53) 3-Nitroaniline	14.57	138	70831	39.616	ng		95
54) 2,4-Dinitrophenol	14.79	184	36336	34.053	ng		97
55) Dibenzofuran	15.06	168	374943	41.617	ng		99
56) 4-Nitrophenol	14.89	139	46117	36.300	ng		96
57) 2,4-Dinitrotoluene	15.03	165	106550	41.621	ng		98
58) Fluorene	15.71	166	307137	41.704	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	99359m	41.785	ng		
60) Diethylphthalate	15.48	149	312667	41.470	ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	187691	42.277	ng		98
62) 4-Nitroaniline	15.74	138	75125	39.260	ng		93
63) Azobenzene	16.00	77	196534	38.041	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	63741	39.855	ng		97
66) n-Nitrosodiphenylamine	15.92	169	281202	40.085	ng		100
67) 4-Bromophenyl-phenylether	16.59	248	132861	41.062	ng		99
68) Hexachlorobenzene	16.72	284	144812	41.170	ng		98
69) Atrazine	16.87	200	78682	31.717	ng		95
70) Pentachlorophenol	17.07	266	70015	38.310	ng		98
71) Phenanthrene	17.46	178	525459	41.470	ng		99
72) Anthracene	17.55	178	523304	41.371	ng		99
73) Carbazole	17.82	167	448081	39.746	ng		99
74) Di-n-butylphthalate	18.37	149	523492	39.283	ng		100
75) Fluoranthene	19.47	202	639381	41.347	ng		97
77) Benzidine	19.64	184	118600	15.856	ng		98
78) Pyrene	19.83	202	641711	40.118	ng		99
80) Butylbenzylphthalate	20.71	149	240669	38.254	ng		97
81) Benzo(a)anthracene	21.67	228	655914	41.328	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	231182	36.218	ng		97
83) Chrysene	21.74	228	638094	41.689	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	502219	57.494	ng		99
85) Di-n-octyl phthalate	22.79	149	581917	38.733	ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	823599	39.595	ng	#	97
88) Benzo(b)fluoranthene	23.90	252	715872m	41.294	ng		
89) Benzo(k)fluoranthene	23.97	252	686438	41.194	ng	#	98
90) Benzo(a)pyrene	24.78	252	683100	41.525	ng		98
91) Dibenzo(a,h)anthracene	28.70	278	676656	40.625	ng		98
92) Benzo(g,h,i)perylene	29.80	276	665583	39.954	ng		98

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

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