Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
Data File : BG045265.D
Acq On : 7 May 2020 12:00
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/8/2020 12:59:58 PM

Quant Time: May 07 12:56:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 12:51:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	70498	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	276333	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	203296	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	484459	20.00	ng		0.00
76) Chrysene-d12	21.64	240	402345	20.00	ng		0.00
87) Perylene-d12	24.81	264	467816	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	320222	74.99	ng		0.00
7) Phenol-d6	7.15	99	472272	74.44	ng		0.00
23) Nitrobenzene-d5	9.14	82	452907	74.79	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	225649	71.85	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	1044251	75.32	ng		0.00
79) Terphenyl-d14	19.99	244	1656683	89.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	75979	40.037	ng		98
3) Pyridine	3.84	79	186161	31.860	ng		95
4) n-Nitrosodimethylamine	3.75	42	70791	39.549	ng	#	99
6) Aniline	7.30	93	307400	37.265	ng		99
8) 2-Chlorophenol	7.55	128	180226	39.271	ng		98
9) Benzaldehyde	7.11	77	143894	40.347	ng		99
10) Phenol	7.17	94	248035	39.068	ng		95
11) bis(2-Chloroethyl)ether	7.40	93	181411	35.889	ng		100
12) 1,3-Dichlorobenzene	7.87	146	210008	38.834	ng		98
13) 1,4-Dichlorobenzene	8.02	146	207250	38.461	ng		97
14) 1,2-Dichlorobenzene	8.34	146	193814	37.596	ng		95
15) Benzyl Alcohol	8.22	79	194960	36.652	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.51	45	170114	34.285	ng		95
17) 2-Methylphenol	8.43	107	170978	34.905	ng		94
18) Hexachloroethane	9.07	117	81252	40.110	ng		97
19) n-Nitroso-di-n-propylamine	8.79	70	159420	35.531	ng		96
20) 3+4-Methylphenols	8.76	107	232297	33.881	ng		99
22) Acetophenone	8.81	105	316215	42.316	ng	#	96
24) Nitrobenzene	9.19	77	240662	38.768	ng	#	97
25) Isophorone	9.71	82	457450	36.885	ng		99
26) 2-Nitrophenol	9.90	139	112930	42.233	ng		95
27) 2,4-Dimethylphenol	9.96	122	173832	40.971	ng		93
28) bis(2-Chloroethoxy)methane	10.19	93	254380	39.038	ng		97
29) 2,4-Dichlorophenol	10.44	162	196337	40.076	ng		98
30) 1,2,4-Trichlorobenzene	10.66	180	226084	40.759	ng		97
31) Naphthalene	10.84	128	593087	39.234	ng		99
32) Benzoic acid	10.12	122	114498	35.343	ng		89
33) 4-Chloroaniline	10.94	127	257575	36.536	ng		99
34) Hexachlorobutadiene	11.14	225	152895	40.204	ng		98
35) Caprolactam	11.71	113	71651	36.747	ng		96
36) 4-Chloro-3-methylphenol	12.08	107	223539	38.841	ng		96
37) 2-Methylnaphthalene	12.45	142	452547	38.569	ng		97
38) 1-Methylnaphthalene	12.67	142	422801	38.170	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	266731	40.750	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	133297	32.582	ng		99
43) 2,4,6-Trichlorophenol	13.06	196	180894	39.158	ng		97
44) 2,4,5-Trichlorophenol	13.14	196	186276	35.425	ng		96
46) 1,1'-Biphenyl	13.46	154	605750	39.202	ng		99
47) 2-Chloronaphthalene	13.50	162	451183	38.214	ng		100
48) 2-Nitroaniline	13.70	65	144764	37.266	ng		96
49) Acenaphthylene	14.35	152	754133	39.213	ng		98
50) Dimethylphthalate	14.08	163	602334	36.388	ng		99
51) 2,6-Dinitrotoluene	14.19	165	139110	37.572	ng		95
52) Acenaphthene	14.69	154	485970m	37.348	ng		
53) 3-Nitroaniline	14.53	138	139188	34.276	ng		97
54) 2,4-Dinitrophenol	14.73	184	66631	30.265	ng		94
55) Dibenzofuran	15.03	168	730255	38.494	ng		98
56) 4-Nitrophenol	14.84	139	112921	35.864	ng		98
57) 2,4-Dinitrotoluene	14.99	165	201384	37.219	ng		97
58) Fluorene	15.68	166	598749	38.640	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	183879	39.300	ng		98
60) Diethylphthalate	15.44	149	628724	36.430	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	330133	37.015	ng		98
62) 4-Nitroaniline	15.69	138	153591	36.467	ng		91
63) Azobenzene	15.96	77	609752	38.321	ng		97
65) 4,6-Dinitro-2-methylphenol	15.76	198	116645	36.630	ng		98
66) n-Nitrosodiphenylamine	15.88	169	529570	38.045	ng		99
67) 4-Bromophenyl-phenylether	16.57	248	225825	36.133	ng		99
68) Hexachlorobenzene	16.69	284	246928	38.095	ng		98
69) Atrazine	16.83	200	220251	43.191	ng		94
70) Pentachlorophenol	17.03	266	142755	35.901	ng		93
71) Phenanthrene	17.42	178	962457	38.661	ng		99
72) Anthracene	17.51	178	976336	39.097	ng		100
73) Carbazole	17.78	167	916996	36.185	ng		99
74) Di-n-butylphthalate	18.34	149	1096078	38.912	ng		98
75) Fluoranthene	19.43	202	1167147	39.075	ng		98
77) Benzidine	19.60	184	554194	47.946	ng		97
78) Pyrene	19.79	202	1168310	42.120	ng		98
80) Butylbenzylphthalate	20.68	149	484113	42.105	ng		99
81) Benzo(a)anthracene	21.62	228	1068001	40.955	ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	457096	44.038	ng		98
83) Chrysene	21.69	228	1040723	41.536	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	662328	41.884	ng		99
85) Di-n-octyl phthalate	22.74	149	1120489	40.976	ng		99
86) Indeno(1,2,3-cd)pyrene	28.41	276	1352093	40.645	ng	#	97
88) Benzo(b)fluoranthene	23.81	252	1142040m	38.972	ng		
89) Benzo(k)fluoranthene	23.88	252	1118697	40.143	ng		98
90) Benzo(a)pyrene	24.67	252	1127647	40.757	ng		98
91) Dibenzo(a,h)anthracene	28.48	278	1123239	40.290	ng		98
92) Benzo(g,h,i)perylene	29.54	276	1121584	40.128	ng		98

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

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