Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
Data File : BG044575.D
Acq On : 25 Feb 2020 13:11
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
2/27/2020 5:02:53 PM

Quant Time: Feb 26 05:27:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	69377	20.00	ng		0.00
21) Naphthalene-d8	10.67	136	302028	20.00	ng		0.00
39) Acenaphthene-d10	14.52	164	204739	20.00	ng		0.00
64) Phenanthrene-d10	17.26	188	454878	20.00	ng		0.00
76) Chrysene-d12	21.51	240	416396	20.00	ng		0.00
87) Perylene-d12	24.57	264	481361	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	310872	71.89	ng		0.00
7) Phenol-d6	7.05	99	467303	78.95	ng		0.00
23) Nitrobenzene-d5	9.03	82	438475	74.79	ng		0.00
42) 2,4,6-Tribromophenol	16.01	330	219508	75.61	ng		0.00
45) 2-Fluorobiphenyl	13.14	172	1047611	73.27	ng		0.00
79) Terphenyl-d14	19.88	244	1616182	73.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	66073	35.017	ng		98
3) Pyridine	3.73	79	194157	36.878	ng		97
4) n-Nitrosodimethylamine	3.64	42	76799	38.406	ng		100
6) Aniline	7.20	93	283875	39.394	ng		98
8) 2-Chlorophenol	7.44	128	181955	38.549	ng		99
9) Benzaldehyde	7.01	77	125615	36.093	ng		99
10) Phenol	7.08	94	224962	39.221	ng		99
11) bis(2-Chloroethyl)ether	7.30	93	187408	38.867	ng		95
12) 1,3-Dichlorobenzene	7.77	146	211470	37.563	ng		98
13) 1,4-Dichlorobenzene	7.91	146	213706	37.772	ng		98
14) 1,2-Dichlorobenzene	8.23	146	205547	38.202	ng		99
15) Benzyl Alcohol	8.11	79	163500	40.960	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	256551	39.590	ng		99
17) 2-Methylphenol	8.32	107	162839	39.741	ng		97
18) Hexachloroethane	8.96	117	78217	37.828	ng		98
19) n-Nitroso-di-n-propylamine	8.68	70	154730	40.670	ng		99
20) 3+4-Methylphenols	8.65	107	225770	40.245	ng		97
22) Acetophenone	8.69	105	289416	38.167	ng	#	99
24) Nitrobenzene	9.08	77	215388	37.922	ng		99
25) Isophorone	9.60	82	416184	37.948	ng		99
26) 2-Nitrophenol	9.79	139	116072	37.682	ng		98
27) 2,4-Dimethylphenol	9.86	122	160460	37.101	ng		99
28) bis(2-Chloroethoxy)methane	10.08	93	274736	37.881	ng		99
29) 2,4-Dichlorophenol	10.33	162	195866	37.880	ng		99
30) 1,2,4-Trichlorobenzene	10.54	180	221305	37.008	ng		99
31) Naphthalene	10.73	128	617454	37.466	ng		100
32) Benzoic acid	10.03	122	54885	40.100	ng		95
33) 4-Chloroaniline	10.83	127	282151	38.870	ng		98
34) Hexachlorobutadiene	11.02	225	135934	36.197	ng		99
35) Caprolactam	11.61	113	75740	40.917	ng		97
36) 4-Chloro-3-methylphenol	11.97	107	209556	39.372	ng		98
37) 2-Methylnaphthalene	12.34	142	464104	38.103	ng		98
38) 1-Methylnaphthalene	12.55	142	437044m	37.762	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	250210	36.301	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	100388	35.870	ng	100
43) 2,4,6-Trichlorophenol	12.95	196	164805	36.825	ng	100
44) 2,4,5-Trichlorophenol	13.03	196	172909	37.611	ng	97
46) 1,1'-Biphenyl	13.35	154	620131	36.601	ng	98
47) 2-Chloronaphthalene	13.39	162	485862	36.569	ng	99
48) 2-Nitroaniline	13.59	65	141713	38.425	ng	99
49) Acenaphthylene	14.24	152	731302	37.289	ng	99
50) Dimethylphthalate	13.98	163	621586	37.615	ng	100
51) 2,6-Dinitrotoluene	14.09	165	136012	37.319	ng	95
52) Acenaphthene	14.58	154	459260	36.736	ng	98
53) 3-Nitroaniline	14.42	138	150651	38.328	ng	99
54) 2,4-Dinitrophenol	14.63	184	68851	37.363	ng	97
55) Dibenzofuran	14.92	168	715789	37.347	ng	99
56) 4-Nitrophenol	14.75	139	107838	39.885	ng	96
57) 2,4-Dinitrotoluene	14.88	165	194825	38.023	ng	98
58) Fluorene	15.57	166	572285	37.660	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	158090	37.342	ng	100
60) Diethylphthalate	15.34	149	622891	38.042	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	308051	37.283	ng	100
62) 4-Nitroaniline	15.59	138	153498	39.001	ng	96
63) Azobenzene	15.85	77	534034	38.324	ng	98
65) 4,6-Dinitro-2-methylphenol	15.65	198	107604	38.204	ng	99
66) n-Nitrosodiphenylamine	15.77	169	528165	37.224	ng	98
67) 4-Bromophenyl-phenylether	16.46	248	212764	37.682	ng	97
68) Hexachlorobenzene	16.58	284	237118	37.144	ng	98
69) Atrazine	16.73	200	186004	35.460	ng	99
70) Pentachlorophenol	16.93	266	107377	38.524	ng	99
71) Phenanthrene	17.31	178	938688	37.274	ng	100
72) Anthracene	17.40	178	923903	37.227	ng	98
73) Carbazole	17.67	167	851918	37.712	ng	100
74) Di-n-butylphthalate	18.23	149	1073829	37.934	ng	99
75) Fluoranthene	19.32	202	1121648	37.624	ng	99
77) Benzidine	19.50	184	523514	36.703	ng	98
78) Pyrene	19.67	202	1116002	36.921	ng	98
80) Butylbenzylphthalate	20.57	149	491263	37.156	ng	98
81) Benzo(a)anthracene	21.48	228	1086082	37.111	ng	99
82) 3,3'-Dichlorobenzidine	21.40	252	434468	37.578	ng	99
83) Chrysene	21.55	228	1040542	36.774	ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	677205	37.172	ng	99
85) Di-n-octyl phthalate	22.57	149	1204128	37.567	ng	99
86) Indeno(1,2,3-cd)pyrene	28.04	276	1351538	37.219	ng	100
88) Benzo(b)fluoranthene	23.61	252	1165839	36.837	ng	99
89) Benzo(k)fluoranthene	23.67	252	1149438	37.431	ng	100
90) Benzo(a)pyrene	24.43	252	1105077	37.163	ng	99
91) Dibenzo(a,h)anthracene	28.11	278	1091604	37.119	ng	99
92) Benzo(g,h,i)perylene	29.13	276	1097092	37.235	ng	100

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

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