Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
Data File : BG045270.D
Acq On : 7 May 2020 15:21
Operator : CG/JU
Sample : L2515-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Manual Integrations APPROVED
mohammad
5/8/2020 1:00:01 PM

Quant Time: May 07 16:55:41 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	63784	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	251620	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	181797	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	432932	20.00	ng		0.00
76) Chrysene-d12	21.64	240	396600	20.00	ng		0.00
87) Perylene-d12	24.81	264	440198	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	463201	119.89	ng		0.00
7) Phenol-d6	7.15	99	587921	102.42	ng		0.00
23) Nitrobenzene-d5	9.14	82	480570	87.15	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	370721	132.00	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	1101287	88.83	ng		0.00
79) Terphenyl-d14	19.99	244	1918001	105.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	63283	36.857	ng	#	40
3) Pyridine	3.85	79	145105	27.448	ng		99
4) n-Nitrosodimethylamine	3.75	42	71434	44.109	ng		90
6) Aniline	7.30	93	215929	28.932	ng		98
8) 2-Chlorophenol	7.55	128	182159	43.870	ng		98
9) Benzaldehyde	7.11	77	126606	38.791	ng		99
10) Phenol	7.18	94	202804	35.307	ng		98
11) bis(2-Chloroethyl)ether	7.40	93	177948	38.910	ng		98
12) 1,3-Dichlorobenzene	7.87	146	198388	40.547	ng		95
13) 1,4-Dichlorobenzene	8.02	146	202039	41.441	ng		98
14) 1,2-Dichlorobenzene	8.34	146	191605	41.080	ng		96
15) Benzyl Alcohol	8.22	79	193356	40.177	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.51	45	162538	36.206	ng		94
17) 2-Methylphenol	8.43	107	159334	35.952	ng		93
18) Hexachloroethane	9.07	117	77145	42.091	ng		93
19) n-Nitroso-di-n-propylamine	8.79	70	162470	40.023	ng		99
20) 3+4-Methylphenols	8.76	107	218945	35.295	ng		98
22) Acetophenone	8.80	105	303788	44.645	ng	#	98
24) Nitrobenzene	9.18	77	238193	42.139	ng		93
25) Isophorone	9.71	82	457554	40.517	ng		99
26) 2-Nitrophenol	9.90	139	109617	45.020	ng		99
27) 2,4-Dimethylphenol	9.96	122	177400	45.918	ng		94
28) bis(2-Chloroethoxy)methane	10.19	93	249061	41.976	ng		97
29) 2,4-Dichlorophenol	10.44	162	193690	43.419	ng		98
30) 1,2,4-Trichlorobenzene	10.66	180	214526	42.474	ng		97
31) Naphthalene	10.84	128	638322	46.373	ng		98
32) Benzoic acid	10.10	122	86206	30.327	ng		95
33) 4-Chloroaniline	10.94	127	57137	8.901	ng		95
34) Hexachlorobutadiene	11.14	225	144358	41.687	ng		98
35) Caprolactam	11.71	113	54677m	30.796	ng		
36) 4-Chloro-3-methylphenol	12.08	107	225202	42.973	ng		98
37) 2-Methylnaphthalene	12.45	142	450355	42.152	ng		96
38) 1-Methylnaphthalene	12.67	142	435803	43.208	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	250953	42.873	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
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	12.81	237	278507	76.127 ng		95
43) 2,4,6-Trichlorophenol	13.06	196	176827	42.804 ng		94
44) 2,4,5-Trichlorophenol	13.13	196	192095	40.851 ng		98
46) 1,1'-Biphenyl	13.46	154	580821	42.034 ng		99
47) 2-Chloronaphthalene	13.50	162	442792	41.938 ng		98
48) 2-Nitroaniline	13.70	65	146665	42.220 ng		96
49) Acenaphthylene	14.34	152	743582	43.237 ng		99
50) Dimethylphthalate	14.08	163	694817	46.938 ng		100
51) 2,6-Dinitrotoluene	14.19	165	143245	43.264 ng		94
52) Acenaphthene	14.69	154	556870m	47.857 ng		
53) 3-Nitroaniline	14.53	138	75099	20.681 ng	#	98
54) 2,4-Dinitrophenol	14.73	184	166443	84.541 ng		92
55) Dibenzofuran	15.03	168	727234	42.868 ng		98
56) 4-Nitrophenol	14.84	139	193792	68.828 ng		92
57) 2,4-Dinitrotoluene	14.99	165	196405	40.591 ng		99
58) Fluorene	15.68	166	608675	43.926 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	191084	45.670 ng		98
60) Diethylphthalate	15.44	149	649343	42.074 ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	333660	41.834 ng		99
62) 4-Nitroaniline	15.69	138	137062	36.391 ng		94
63) Azobenzene	15.96	77	616948	43.359 ng		99
65) 4,6-Dinitro-2-methylphenol	15.75	198	125124	43.970 ng		96
66) n-Nitrosodiphenylamine	15.88	169	541540	43.536 ng		98
67) 4-Bromophenyl-phenylether	16.56	248	234615	42.007 ng		99
68) Hexachlorobenzene	16.69	284	256611	44.301 ng		98
69) Atrazine	16.83	200	211637	46.843 ng		99
70) Pentachlorophenol	17.03	266	298606	84.032 ng		98
71) Phenanthrene	17.42	178	997505	44.837 ng		100
72) Anthracene	17.51	178	1024530	45.910 ng		100
73) Carbazole	17.78	167	931656	41.139 ng		98
74) Di-n-butylphthalate	18.34	149	1131541	46.041 ng		99
75) Fluoranthene	19.43	202	1229596	47.344 ng		99
77) Benzidine	19.60	184	561828	49.506 ng		98
78) Pyrene	19.79	202	1216129	44.479 ng		98
80) Butylbenzylphthalate	20.68	149	503604	44.435 ng		100
81) Benzo(a)anthracene	21.62	228	1162613	45.229 ng		98
82) 3,3'-Dichlorobenzidine	21.54	252	242058	23.659 ng		97
83) Chrysene	21.69	228	1108404	44.878 ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	698110	44.787 ng		98
85) Di-n-octyl phthalate	22.73	149	1184791	43.955 ng		100
86) Indeno(1,2,3-cd)pyrene	28.43	276	1475561	44.999 ng		98
88) Benzo(b)fluoranthene	23.81	252	1239574	44.955 ng		98
89) Benzo(k)fluoranthene	23.88	252	1194487	45.552 ng		99
90) Benzo(a)pyrene	24.67	252	1144654	43.968 ng		97
91) Dibenzo(a,h)anthracene	28.49	278	1195812	45.584 ng		98
92) Benzo(g,h,i)perylene	29.55	276	1221467	46.443 ng		97

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

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