Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051420\
Data File : BG045384.D
Acq On : 14 May 2020 19:10
Operator : CG/JU
Sample : L2500-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-02-051220MS

Quant Time: May 15 01:13:53 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 14 13:01:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	71916	20.00	ng		0.00
21) Naphthalene-d8	10.78	136	300427	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	223892	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	541436	20.00	ng		0.00
76) Chrysene-d12	21.63	240	500358	20.00	ng		0.00
87) Perylene-d12	24.79	264	540393	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	352541	80.93	ng		0.00
7) Phenol-d6	7.14	99	459870	71.06	ng		0.00
23) Nitrobenzene-d5	9.13	82	372276	56.54	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	288248	83.34	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	875286	57.32	ng		0.00
79) Terphenyl-d14	19.98	244	1539802	67.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	52063	26.894	ng	#	43
3) Pyridine	3.83	79	77690	13.034	ng		98
4) n-Nitrosodimethylamine	3.73	42	56095	30.721	ng		88
6) Aniline	7.29	93	129694	15.413	ng		99
8) 2-Chlorophenol	7.54	128	154729	33.051	ng		99
9) Benzaldehyde	7.10	77	113395	28.184	ng		97
10) Phenol	7.17	94	172802	26.682	ng		99
11) bis(2-Chloroethyl)ether	7.38	93	151637	29.408	ng		95
12) 1,3-Dichlorobenzene	7.86	146	164228	29.770	ng		98
13) 1,4-Dichlorobenzene	8.01	146	166174	30.230	ng		98
14) 1,2-Dichlorobenzene	8.32	146	155439	29.557	ng		95
15) Benzyl Alcohol	8.21	79	167549	30.878	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	141202	27.897	ng		95
17) 2-Methylphenol	8.42	107	141306	28.279	ng		96
18) Hexachloroethane	9.06	117	63907	30.926	ng		97
19) n-Nitroso-di-n-propylamine	8.78	70	138381	30.234	ng		97
20) 3+4-Methylphenols	8.75	107	191668	27.404	ng		97
22) Acetophenone	8.79	105	252557	31.087	ng	#	96
24) Nitrobenzene	9.17	77	203757	30.191	ng	#	96
25) Isophorone	9.70	82	399108	29.600	ng		100
26) 2-Nitrophenol	9.89	139	92307	31.752	ng		94
27) 2,4-Dimethylphenol	9.96	122	152836	33.133	ng		95
28) bis(2-Chloroethoxy)methane	10.18	93	212327	29.971	ng		98
29) 2,4-Dichlorophenol	10.43	162	168287	31.596	ng		97
30) 1,2,4-Trichlorobenzene	10.64	180	177376	29.413	ng		92
31) Naphthalene	10.83	128	492446	29.964	ng		98
32) Benzoic acid	10.10	122	71287	22.964	ng		92
33) 4-Chloroaniline	10.94	127	29271	3.819	ng	#	95
34) Hexachlorobutadiene	11.12	225	119365	28.870	ng		98
35) Caprolactam	11.69	113	46414m	21.895	ng		
36) 4-Chloro-3-methylphenol	12.07	107	200321	32.016	ng		97
37) 2-Methylnaphthalene	12.44	142	379674	29.763	ng		95
38) 1-Methylnaphthalene	12.66	142	364482	30.266	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	210070	29.141	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 13:01:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	267538	59.379 ng		97
43) 2,4,6-Trichlorophenol	13.05	196	152815	30.036 ng		90
44) 2,4,5-Trichlorophenol	13.13	196	165312	28.546 ng		97
46) 1,1'-Biphenyl	13.45	154	508437	29.878 ng		100
47) 2-Chloronaphthalene	13.49	162	380764	29.283 ng		99
48) 2-Nitroaniline	13.69	65	129087	30.173 ng		98
49) Acenaphthylene	14.34	152	645123	30.459 ng		100
50) Dimethylphthalate	14.07	163	625997	34.338 ng		98
51) 2,6-Dinitrotoluene	14.19	165	123191	30.212 ng		96
52) Acenaphthene	14.68	154	482183m	33.648 ng		
53) 3-Nitroaniline	14.51	138	45091	10.083 ng		81
54) 2,4-Dinitrophenol	14.73	184	149728	61.752 ng		90
55) Dibenzofuran	15.01	168	623717	29.854 ng		96
56) 4-Nitrophenol	14.84	139	158139	45.605 ng		96
57) 2,4-Dinitrotoluene	14.98	165	179108	30.057 ng		97
58) Fluorene	15.67	166	518912	30.407 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.24	232	161845	31.409 ng		98
60) Diethylphthalate	15.44	149	571105	30.047 ng		99
61) 4-Chlorophenyl-phenylether	15.65	204	289631	29.486 ng		98
62) 4-Nitroaniline	15.68	138	118852	25.623 ng		98
63) Azobenzene	15.95	77	539285	30.775 ng		97
65) 4,6-Dinitro-2-methylphenol	15.74	198	110824	31.140 ng		94
66) n-Nitrosodiphenylamine	15.87	169	474369	30.493 ng		98
67) 4-Bromophenyl-phenylether	16.55	248	202817	29.036 ng		96
68) Hexachlorobenzene	16.68	284	217954	30.087 ng		98
69) Atrazine	16.82	200	180066	30.159 ng		100
70) Pentachlorophenol	17.02	266	244703	55.063 ng		96
71) Phenanthrene	17.40	178	847293	30.453 ng		99
72) Anthracene	17.50	178	877762	31.451 ng		98
73) Carbazole	17.76	167	806985	28.493 ng		97
74) Di-n-butylphthalate	18.33	149	982230	29.810 ng		99
75) Fluoranthene	19.41	202	1073072	30.876 ng		99
77) Benzidine	19.59	184	129350	3.423 ng		97
78) Pyrene	19.78	202	1066506	30.918 ng		98
80) Butylbenzylphthalate	20.66	149	428125	29.942 ng		98
81) Benzo(a)anthracene	21.61	228	989347	30.507 ng		96
82) 3,3'-Dichlorobenzidine	21.52	252	142369	11.030 ng		98
83) Chrysene	21.68	228	932793	29.936 ng		98
84) Bis(2-ethylhexyl)phthalate	21.52	149	588714	29.937 ng		98
85) Di-n-octyl phthalate	22.71	149	994179	29.235 ng		100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1215410	29.379 ng	#	98
88) Benzo(b)fluoranthene	23.79	252	1025998	30.310 ng		97
89) Benzo(k)fluoranthene	23.85	252	1019311	31.664 ng		96
90) Benzo(a)pyrene	24.64	252	951058	29.758 ng		97
91) Dibenzo(a,h)anthracene	28.44	278	983376	30.536 ng		96
92) Benzo(g,h,i)perylene	29.51	276	1009816	31.277 ng		98

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

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