Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045357.D
Acq On : 13 May 2020 11:39
Operator : CG/JU
Sample : PB128795BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128795BS

Manual Integrations APPROVED
mohammad
5/14/2020 11:54:16 AM

Quant Time: May 13 12:20:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 11:40:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	58747	20.00	ng		0.00
21) Naphthalene-d8	10.78	136	235447	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	176785	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	439239	20.00	ng		0.00
76) Chrysene-d12	21.63	240	424930	20.00	ng		0.00
87) Perylene-d12	24.79	264	470033	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	444855	125.02	ng		0.00
7) Phenol-d6	7.14	99	610239	115.43	ng		0.00
23) Nitrobenzene-d5	9.13	82	383975	74.41	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	305451	111.84	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	886923	73.56	ng		0.00
79) Terphenyl-d14	19.98	244	1661385	85.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	57032	36.064	ng		95
3) Pyridine	3.82	79	131471	27.001	ng		99
4) n-Nitrosodimethylamine	3.73	42	60700	40.695	ng	#	97
6) Aniline	7.29	93	159720	23.236	ng		100
8) 2-Chlorophenol	7.53	128	154684	40.448	ng		95
9) Benzaldehyde	7.10	77	118673	39.761	ng		98
10) Phenol	7.16	94	209963	39.687	ng		97
11) bis(2-Chloroethyl)ether	7.39	93	147004	34.900	ng		97
12) 1,3-Dichlorobenzene	7.86	146	168355	37.359	ng		97
13) 1,4-Dichlorobenzene	8.00	146	170528	37.976	ng		97
14) 1,2-Dichlorobenzene	8.33	146	159650	37.163	ng		95
15) Benzyl Alcohol	8.20	79	161827	36.508	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	136616	33.041	ng		96
17) 2-Methylphenol	8.42	107	146204	35.818	ng		92
18) Hexachloroethane	9.06	117	65694	38.917	ng		96
19) n-Nitroso-di-n-propylamine	8.77	70	128894	34.474	ng		97
20) 3+4-Methylphenols	8.74	107	195856	34.280	ng		99
22) Acetophenone	8.79	105	238910	37.523	ng		97
24) Nitrobenzene	9.17	77	194984	36.864	ng		97
25) Isophorone	9.70	82	363331	34.383	ng		99
26) 2-Nitrophenol	9.89	139	90245	39.610	ng		97
27) 2,4-Dimethylphenol	9.95	122	145619	40.281	ng		93
28) bis(2-Chloroethoxy)methane	10.18	93	201099	36.220	ng		96
29) 2,4-Dichlorophenol	10.43	162	164722	39.461	ng		96
30) 1,2,4-Trichlorobenzene	10.64	180	177494	37.556	ng		95
31) Naphthalene	10.83	128	483181	37.514	ng		98
32) Benzoic acid	10.10	122	84500	31.466	ng		99
33) 4-Chloroaniline	10.94	127	89334	14.872	ng		98
34) Hexachlorobutadiene	11.12	225	118251	36.494	ng		96
35) Caprolactam	11.69	113	60918m	36.668	ng		
36) 4-Chloro-3-methylphenol	12.07	107	191853	39.124	ng		97
37) 2-Methylnaphthalene	12.44	142	364041	36.414	ng		97
38) 1-Methylnaphthalene	12.66	142	347182	36.786	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	202312	35.543	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	261107	73.394 ng		99
43) 2,4,6-Trichlorophenol	13.05	196	149615	37.244 ng		97
44) 2,4,5-Trichlorophenol	13.13	196	162512	35.540 ng		98
46) 1,1'-Biphenyl	13.45	154	477409	35.530 ng		99
47) 2-Chloronaphthalene	13.49	162	366810	35.727 ng		98
48) 2-Nitroaniline	13.69	65	125922	37.276 ng		97
49) Acenaphthylene	14.34	152	627264	37.507 ng		99
50) Dimethylphthalate	14.07	163	523149	36.343 ng		98
51) 2,6-Dinitrotoluene	14.18	165	117946	36.633 ng		94
52) Acenaphthene	14.68	154	468955m	41.445 ng		
53) 3-Nitroaniline	14.51	138	66015	18.695 ng		93
54) 2,4-Dinitrophenol	14.72	184	148657	77.647 ng		91
55) Dibenzofuran	15.01	168	609512	36.948 ng		98
56) 4-Nitrophenol	14.84	139	208310	76.082 ng		98
57) 2,4-Dinitrotoluene	14.98	165	175525	37.304 ng		91
58) Fluorene	15.66	166	511269	37.943 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.24	232	162465	39.931 ng		98
60) Diethylphthalate	15.44	149	548152	36.524 ng		99
61) 4-Chlorophenyl-phenylether	15.66	204	276226	35.615 ng		98
62) 4-Nitroaniline	15.68	138	121534	33.183 ng		97
63) Azobenzene	15.95	77	517254	37.383 ng		96
65) 4,6-Dinitro-2-methylphenol	15.74	198	112688	39.031 ng		96
66) n-Nitrosodiphenylamine	15.87	169	463839	36.754 ng		100
67) 4-Bromophenyl-phenylether	16.55	248	195460	34.494 ng		96
68) Hexachlorobenzene	16.68	284	212889	36.225 ng		99
69) Atrazine	16.82	200	178724	38.094 ng		97
70) Pentachlorophenol	17.02	266	254655	70.635 ng		96
71) Phenanthrene	17.40	178	858363	38.029 ng		100
72) Anthracene	17.50	178	883042	39.001 ng		99
73) Carbazole	17.76	167	827698	36.024 ng		99
74) Di-n-butylphthalate	18.33	149	989769	38.727 ng		99
75) Fluoranthene	19.42	202	1102115	40.993 ng		97
77) Benzidine	19.59	184	454817	35.727 ng		98
78) Pyrene	19.78	202	1088035	37.141 ng		98
80) Butylbenzylphthalate	20.66	149	454145	37.400 ng		97
81) Benzo(a)anthracene	21.61	228	1047614	38.038 ng		99
82) 3,3'-Dichlorobenzidine	21.52	252	247259	22.556 ng		98
83) Chrysene	21.67	228	992386	37.502 ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	641408	38.406 ng		97
85) Di-n-octyl phthalate	22.71	149	1087804	37.666 ng		100
86) Indeno(1,2,3-cd)pyrene	28.37	276	1346602	38.328 ng	#	97
88) Benzo(b)fluoranthene	23.79	252	1123255	38.151 ng		98
89) Benzo(k)fluoranthene	23.85	252	1090180	38.935 ng		98
90) Benzo(a)pyrene	24.64	252	1042619	37.506 ng	#	98
91) Dibenzo(a,h)anthracene	28.44	278	1095894	39.124 ng		97
92) Benzo(g,h,i)perylene	29.50	276	1111061	39.564 ng		99

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

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