Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
Data File : BG045555.D
Acq On : 1 Jun 2020 14:36
Operator : CG/JU
Sample : PB129209BSD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129209BSD

Manual Integrations APPROVED
mohammad
6/2/2020 3:22:39 PM

Quant Time: Jun 01 15:22:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	62105	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	252498	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	188339	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	446243	20.00	ng		0.00
76) Chrysene-d12	21.60	240	408316	20.00	ng		0.00
87) Perylene-d12	24.75	264	452923	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	488315	153.66	ng		0.00
7) Phenol-d6	7.15	99	691803	152.95	ng		0.00
23) Nitrobenzene-d5	9.11	82	435902	94.14	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	331511	137.63	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1001917	90.23	ng		0.00
79) Terphenyl-d14	19.96	244	1690462	96.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	62992	39.973	ng	#	97
3) Pyridine	3.80	79	144207	32.857	ng		96
4) n-Nitrosodimethylamine	3.71	42	63161	43.979	ng	#	95
6) Aniline	7.28	93	259428	43.938	ng		98
8) 2-Chlorophenol	7.53	128	177723	50.998	ng		95
9) Benzaldehyde	7.08	77	116739	39.614	ng		97
10) Phenol	7.18	94	241324	51.768	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	169992	46.751	ng		99
12) 1,3-Dichlorobenzene	7.84	146	189375	45.219	ng		97
13) 1,4-Dichlorobenzene	7.99	146	193548	46.831	ng		97
14) 1,2-Dichlorobenzene	8.30	146	182154	45.825	ng		97
15) Benzyl Alcohol	8.20	79	180197	48.227	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	160072	46.378	ng		98
17) 2-Methylphenol	8.42	107	164377	47.110	ng		97
18) Hexachloroethane	9.03	117	73605	46.501	ng		96
19) n-Nitroso-di-n-propylamine	8.76	70	148906	47.608	ng		98
20) 3+4-Methylphenols	8.75	107	222887	46.910	ng	#	89
22) Acetophenone	8.77	105	277726	46.408	ng	#	99
24) Nitrobenzene	9.16	77	229743	46.311	ng		96
25) Isophorone	9.68	82	420032	46.062	ng		99
26) 2-Nitrophenol	9.87	139	100971	47.579	ng		95
27) 2,4-Dimethylphenol	9.95	122	170837	54.276	ng		96
28) bis(2-Chloroethoxy)methane	10.16	93	233444	48.815	ng		96
29) 2,4-Dichlorophenol	10.43	162	185395	49.879	ng		98
30) 1,2,4-Trichlorobenzene	10.62	180	204052	46.460	ng		96
31) Naphthalene	10.81	128	562262	47.786	ng		98
32) Benzoic acid	10.13	122	111313	51.164	ng		93
33) 4-Chloroaniline	10.92	127	193207	39.283	ng		96
34) Hexachlorobutadiene	11.10	225	140248	45.175	ng		99
35) Caprolactam	11.69	113	65105m	47.721	ng		
36) 4-Chloro-3-methylphenol	12.07	107	215922	51.554	ng		94
37) 2-Methylnaphthalene	12.42	142	428312	48.839	ng		96
38) 1-Methylnaphthalene	12.64	142	402641m	48.603	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	241201	45.851	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	271396	89.383	ng		97
43) 2,4,6-Trichlorophenol	13.04	196	164732	45.078	ng		100
44) 2,4,5-Trichlorophenol	13.12	196	176588	42.287	ng		97
46) 1,1'-Biphenyl	13.43	154	557008	48.132	ng		99
47) 2-Chloronaphthalene	13.47	162	424725	45.196	ng		98
48) 2-Nitroaniline	13.67	65	138764	44.890	ng		94
49) Acenaphthylene	14.32	152	718988	47.632	ng		99
50) Dimethylphthalate	14.05	163	582409	45.078	ng		98
51) 2,6-Dinitrotoluene	14.17	165	132858	45.571	ng		97
52) Acenaphthene	14.66	154	517935m	51.261	ng		
53) 3-Nitroaniline	14.51	138	112255	37.878	ng		98
54) 2,4-Dinitrophenol	14.71	184	144516	75.967	ng		96
55) Dibenzofuran	15.00	168	695641	46.362	ng		99
56) 4-Nitrophenol	14.85	139	203156	90.543	ng		95
57) 2,4-Dinitrotoluene	14.96	165	194103	45.971	ng		97
58) Fluorene	15.65	166	572039	46.405	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	172422	46.931	ng		98
60) Diethylphthalate	15.42	149	607162	45.151	ng		99
61) 4-Chlorophenyl-phenylether	15.64	204	319698	45.322	ng		99
62) 4-Nitroaniline	15.67	138	137887	44.567	ng		95
63) Azobenzene	15.93	77	580875	46.325	ng		98
65) 4,6-Dinitro-2-methylphenol	15.73	198	120865	46.506	ng		97
66) n-Nitrosodiphenylamine	15.85	169	506382	47.262	ng		99
67) 4-Bromophenyl-phenylether	16.53	248	219807	45.489	ng		99
68) Hexachlorobenzene	16.66	284	238918	47.273	ng		96
69) Atrazine	16.80	200	194642	44.106	ng		98
70) Pentachlorophenol	17.01	266	249805	95.192	ng		98
71) Phenanthrene	17.39	178	921227	47.289	ng		99
72) Anthracene	17.48	178	958758	49.008	ng		98
73) Carbazole	17.75	167	873493	45.805	ng		99
74) Di-n-butylphthalate	18.31	149	1034366	45.192	ng		99
75) Fluoranthene	19.40	202	1145793	46.241	ng		100
77) Benzidine	19.58	184	705592	61.528	ng		99
78) Pyrene	19.76	202	1121693	48.192	ng		99
80) Butylbenzylphthalate	20.65	149	462371	46.023	ng		99
81) Benzo(a)anthracene	21.59	228	1077090	47.353	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	373369	41.846	ng		100
83) Chrysene	21.65	228	1036902	47.410	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	643898	46.625	ng		99
85) Di-n-octyl phthalate	22.69	149	1102974	46.501	ng		99
86) Indeno(1,2,3-cd)pyrene	28.32	276	1347073	47.100	ng	#	97
88) Benzo(b)fluoranthene	23.75	252	1167194m	48.051	ng		
89) Benzo(k)fluoranthene	23.82	252	1111074	48.687	ng		100
90) Benzo(a)pyrene	24.61	252	1059486	46.833	ng		97
91) Dibenzo(a,h)anthracene	28.39	278	1108895	48.778	ng		98
92) Benzo(g,h,i)perylene	29.44	276	1110699	48.851	ng		98

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

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