Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
Data File : BG044650.D
Acq On : 3 Mar 2020 3:42
Operator : CG/JU
Sample : PB127195BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127195BS

Manual Integrations APPROVED
mohammad
3/3/2020 12:28:35 PM

Quant Time: Mar 03 09:34:06 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	7.80	152	58195m	20.00	ng		-0.07
21) Naphthalene-d8	10.60	136	262829	20.00	ng		-0.07
39) Acenaphthene-d10	14.46	164	186105	20.00	ng		-0.06
64) Phenanthrene-d10	17.20	188	412040	20.00	ng		-0.06
76) Chrysene-d12	21.44	240	376162	20.00	ng		-0.07
87) Perylene-d12	24.45	264	429856	20.00	ng		-0.12
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	243460	67.12	ng		-0.07
7) Phenol-d6	6.98	99	221599	44.63	ng		-0.07
23) Nitrobenzene-d5	8.96	82	437638	85.78	ng		-0.07
42) 2,4,6-Tribromophenol	15.95	330	233698	88.56	ng		-0.06
45) 2-Fluorobiphenyl	13.08	172	1044006	80.33	ng		-0.06
79) Terphenyl-d14	19.82	244	1715883	86.35	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	26147	16.520	ng		94
4) n-Nitrosodimethylamine	3.55	42	35209	20.991	ng		90
6) Aniline	7.13	93	5781m	0.956	ng		
8) 2-Chlorophenol	7.37	128	209351	52.875	ng		99
9) Benzaldehyde	6.94	77	80834	27.689	ng		100
10) Phenol	7.01	94	123880	25.748	ng		100
11) bis(2-Chloroethyl)ether	7.22	93	199823	49.404	ng		97
12) 1,3-Dichlorobenzene	7.70	146	190510	40.342	ng		100
13) 1,4-Dichlorobenzene	7.84	146	192719	40.607	ng		99
14) 1,2-Dichlorobenzene	8.16	146	185901	41.190	ng		98
15) Benzyl Alcohol	8.04	79	113444	33.881	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.34	45	257555	47.382	ng		99
17) 2-Methylphenol	8.26	107	164053	47.730	ng		97
18) Hexachloroethane	8.89	117	65585	37.813	ng		98
19) n-Nitroso-di-n-propylamine	8.62	70	164255	51.470	ng		99
20) 3+4-Methylphenols	8.59	107	208445	44.296	ng		100
22) Acetophenone	8.62	105	307851	46.653	ng	#	98
24) Nitrobenzene	9.01	77	227657	46.060	ng		99
25) Isophorone	9.53	82	462689	48.481	ng		99
26) 2-Nitrophenol	9.72	139	128569	47.965	ng		95
27) 2,4-Dimethylphenol	9.79	122	208540	55.409	ng		99
28) bis(2-Chloroethoxy)methane	10.02	93	283734	44.956	ng		99
29) 2,4-Dichlorophenol	10.26	162	220191	48.935	ng		98
30) 1,2,4-Trichlorobenzene	10.47	180	204476	39.293	ng		98
31) Naphthalene	10.66	128	621628	43.344	ng		99
32) Benzoic acid	9.95	122	26346	29.107	ng		98
33) 4-Chloroaniline	10.77	127	20664	3.271	ng		97
34) Hexachlorobutadiene	10.95	225	114649	35.082	ng		98
35) Caprolactam	11.60	113	12088m	7.504	ng		
36) 4-Chloro-3-methylphenol	11.90	107	233944	50.509	ng		97
37) 2-Methylnaphthalene	12.27	142	490092	46.238	ng		97
38) 1-Methylnaphthalene	12.49	142	467092	46.378	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	255978	40.857	ng		99
41) Hexachlorocyclopentadiene	12.63	237	241282	80.714	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.89	196	186152	45.759	ng	99
44) 2,4,5-Trichlorophenol	12.97	196	200531	47.986	ng	98
46) 1,1'-Biphenyl	13.29	154	642563	41.722	ng	98
47) 2-Chloronaphthalene	13.33	162	500484	41.442	ng	99
48) 2-Nitroaniline	13.53	65	149471	44.586	ng	94
49) Acenaphthylene	14.18	152	800581	44.908	ng	99
50) Dimethylphthalate	13.92	163	678388	45.162	ng	99
51) 2,6-Dinitrotoluene	14.03	165	154457	46.624	ng	94
52) Acenaphthene	14.52	154	501410	44.124	ng	99
53) 3-Nitroaniline	14.36	138	51106	14.304	ng	99
54) 2,4-Dinitrophenol	14.58	184	180240	89.991	ng	97
55) Dibenzofuran	14.86	168	795507	45.663	ng	99
56) 4-Nitrophenol	14.69	139	143766	58.498	ng	97
57) 2,4-Dinitrotoluene	14.83	165	220752	47.396	ng	99
58) Fluorene	15.51	166	631542	45.721	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	186680	48.510	ng	99
60) Diethylphthalate	15.29	149	676965	45.485	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	339546	45.210	ng	99
62) 4-Nitroaniline	15.53	138	135977	38.009	ng	93
63) Azobenzene	15.80	77	598044	47.215	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	140435	55.044	ng	99
66) n-Nitrosodiphenylamine	15.72	169	589648	45.877	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	232503	45.459	ng	98
68) Hexachlorobenzene	16.52	284	256985	44.441	ng	96
69) Atrazine	16.67	200	222009	46.724	ng	98
70) Pentachlorophenol	16.86	266	261221	91.198	ng	97
71) Phenanthrene	17.24	178	1047087	45.901	ng	98
72) Anthracene	17.34	178	1070178	47.604	ng	98
73) Carbazole	17.61	167	952028	46.525	ng	99
74) Di-n-butylphthalate	18.17	149	1158297	45.172	ng	98
75) Fluoranthene	19.26	202	1253675	46.424	ng	99
78) Pyrene	19.62	202	1265852	46.358	ng	98
80) Butylbenzylphthalate	20.52	149	531128	44.468	ng	99
81) Benzo(a)anthracene	21.42	228	1215771	45.986	ng	98
82) 3,3'-Dichlorobenzidine	21.34	252	237731	22.761	ng	99
83) Chrysene	21.48	228	1176095	46.010	ng	98
84) Bis(2-ethylhexyl)phthalate	21.34	149	754333	45.835	ng	99
85) Di-n-octyl phthalate	22.48	149	1321146	45.627	ng	98
86) Indeno(1,2,3-cd)pyrene	27.87	276	1527235	46.555	ng	99
88) Benzo(b)fluoranthene	23.51	252	1313727	46.483	ng	99
89) Benzo(k)fluoranthene	23.57	252	1271536	46.368	ng	100
90) Benzo(a)pyrene	24.31	252	1193209	44.935	ng	99
91) Dibenzo(a,h)anthracene	27.92	278	1261967	48.054	ng	99
92) Benzo(g,h,i)perylene	28.93	276	1286370	48.890	ng	98

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

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