Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
Data File : BG050666.D
Acq On : 21 Oct 2021 13:46
Operator : CG/JU
Sample : PB140070BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 21 14:38:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB140070BS

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.252	152	45282	20.00	ng		0.00
21) Naphthalene-d8	11.078	136	194115	20.00	ng		# 0.00
39) Acenaphthene-d10	14.874	164	132190	20.00	ng		0.00
64) Phenanthrene-d10	17.618	188	287463	20.00	ng		# 0.00
76) Chrysene-d12	21.918	240	222686	20.00	ng		# 0.00
86) Perylene-d12	25.332	264	216631	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.790	112	367413	121.35	ng		0.00
7) Phenol-d6	7.400	99	493810	112.65	ng		0.00
23) Nitrobenzene-d5	9.427	82	342312	73.00	ng		0.00
42) 2,4,6-Tribromophenol	16.360	330	143485	113.80	ng		0.00
45) 2-Fluorobiphenyl	13.499	172	633500	72.13	ng		0.00
79) Terphenyl-d14	20.203	244	933428	81.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.646	88	39919	25.46	ng		93
3) Pyridine	4.051	79	95503	22.29	ng		93
4) n-Nitrosodimethylamine	3.969	42	74897	37.10	ng	#	48
6) Aniline	7.571	93	199839	39.24	ng	#	93
8) 2-Chlorophenol	7.811	128	134536	46.15	ng		87
9) Benzaldehyde	7.383	77	104877	37.66	ng		91
10) Phenol	7.430	94	186213	43.69	ng		84
11) bis(2-Chloroethyl)ether	7.659	93	132280	39.76	ng		84
12) 1,3-Dichlorobenzene	8.140	146	133243	39.59	ng		93
13) 1,4-Dichlorobenzene	8.287	146	134367	39.61	ng		97
14) 1,2-Dichlorobenzene	8.611	146	130977	40.42	ng		94
15) Benzyl Alcohol	8.487	79	151015	43.59	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.775	45	219526	40.46	ng		86
17) 2-Methylphenol	8.687	107	127672	45.52	ng		94
18) Hexachloroethane	9.345	117	52600	40.96	ng		95
19) n-Nitroso-di-n-propyla...	9.057	70	127534	39.91	ng	#	91
20) 3+4-Methylphenols	9.016	107	174297	44.15	ng		95
22) Acetophenone	9.081	105	212670	38.54	ng	#	96
24) Nitrobenzene	9.468	77	186448	39.99	ng		96
25) Isophorone	9.991	82	329100	39.57	ng	#	96
26) 2-Nitrophenol	10.179	139	74688	43.62	ng	#	90
27) 2,4-Dimethylphenol	10.226	122	137935	46.63	ng		92
28) bis(2-Chloroethoxy)met...	10.467	93	185749	39.06	ng		94
29) 2,4-Dichlorophenol	10.720	162	132838	44.06	ng		97
30) 1,2,4-Trichlorobenzene	10.937	180	133382	38.95	ng		98
31) Naphthalene	11.131	128	414107	39.85	ng		98
32) Benzoic acid	10.373	122	78369	35.70	ng	#	74
33) 4-Chloroaniline	11.231	127	132140	30.31	ng		98
34) Hexachlorobutadiene	11.401	225	82658	38.45	ng		96
35) Caprolactam	12.007	113	50285m	43.58	ng		
36) 4-Chloro-3-methylphenol	12.336	107	162748	43.19	ng	#	87
37) 2-Methylnaphthalene	12.717	142	302208	42.15	ng		93
38) 1-Methylnaphthalene	12.935	142	272595	39.21	ng		90
40) 1,2,4,5-Tetrachloroben...	13.076	216	149416	38.28	ng		98
41) Hexachlorocyclopentadiene	13.052	237	183187	81.20	ng		95
43) 2,4,6-Trichlorophenol	13.311	196	110066	40.01	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.381	196	117632	40.90	ng		90
46) 1,1'-Biphenyl	13.710	154	366065	37.97	ng		94
47) 2-Chloronaphthalene	13.757	162	291573	39.38	ng		99
48) 2-Nitroaniline	13.957	65	125206	42.51	ng		94
49) Acenaphthylene	14.598	152	483289	39.84	ng		97
50) Dimethylphthalate	14.316	163	395854	39.62	ng		99
51) 2,6-Dinitrotoluene	14.445	165	86712	43.33	ng		90
52) Acenaphthene	14.938	154	343765m	44.10	ng		
53) 3-Nitroaniline	14.774	138	78042	32.97	ng		92
54) 2,4-Dinitrophenol	14.985	184	98568	79.39	ng		85
55) Dibenzofuran	15.267	168	460879	38.23	ng		96
56) 4-Nitrophenol	15.074	139	150324	78.94	ng	#	81
57) 2,4-Dinitrotoluene	15.226	165	125011	44.32	ng		95
58) Fluorene	15.914	166	363842	39.29	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.491	232	97563	38.94	ng		95
60) Diethylphthalate	15.667	149	416352	39.66	ng		97
61) 4-Chlorophenyl-phenyle...	15.902	204	198509	39.18	ng		98
62) 4-Nitroaniline	15.937	138	96488	39.18	ng	#	69
63) Azobenzene	16.196	77	462290	38.04	ng		83
65) 4,6-Dinitro-2-methylph...	15.990	198	67620	39.16	ng		89
66) n-Nitrosodiphenylamine	16.119	169	329819	40.38	ng		97
67) 4-Bromophenyl-phenylether	16.795	248	118659	40.96	ng		98
68) Hexachlorobenzene	16.918	284	119245	41.42	ng		94
69) Atrazine	17.054	200	136632	42.46	ng		95
70) Pentachlorophenol	17.259	266	145526	74.25	ng		98
71) Phenanthrene	17.659	178	604250	39.89	ng		98
72) Anthracene	17.753	178	620037	41.19	ng		98
73) Carbazole	18.017	167	575124	38.33	ng		98
74) Di-n-butylphthalate	18.552	149	718829	40.83	ng		97
75) Fluoranthene	19.656	202	699658	37.57	ng		95
77) Benzidine	19.833	184	356652	49.41	ng		99
78) Pyrene	20.021	202	697238	44.13	ng		96
80) Butylbenzylphthalate	20.884	149	284495	42.57	ng		94
81) Benzo(a)anthracene	21.901	228	600204	40.73	ng		99
82) 3,3'-Dichlorobenzidine	21.801	252	174777	35.79	ng	#	97
83) Chrysene	21.965	228	577338	41.65	ng		96
84) Bis(2-ethylhexyl)phtha...	21.772	149	402971	42.44	ng	#	97
85) Di-n-octyl phthalate	23.047	149	685182	43.26	ng		95
87) Indeno(1,2,3-cd)pyrene	29.263	276	646036	42.82	ng	#	88
88) Benzo(b)fluoranthene	24.245	252	599293	45.17	ng	#	93
89) Benzo(k)fluoranthene	24.316	252	565990	43.36	ng	#	98
90) Benzo(a)pyrene	25.179	252	576482	51.11	ng	#	95
91) Dibenzo(a,h)anthracene	29.339	278	552167	44.24	ng	#	94
92) Benzo(g,h,i)perylene	30.497	276	536442	43.89	ng	#	92

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

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