Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
Data File : BG048916.D
Acq On : 12 Jun 2021 17:21
Operator : CG/JU
Sample : PB137054BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 14 03:15:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB137054BS

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.122	152	41418	20.000	ng		0.00
21) Naphthalene-d8	10.948	136	170441	20.000	ng	#	0.00
39) Acenaphthene-d10	14.767	164	121272	20.000	ng		0.00
64) Phenanthrene-d10	17.517	188	305321	20.000	ng	#	0.00
76) Chrysene-d12	21.812	240	314548	20.000	ng	#	0.00
86) Perylene-d12	25.155	264	316487	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.666	112	361325	135.802	ng		0.00
7) Phenol-d6	7.270	99	487325	122.203	ng		0.00
23) Nitrobenzene-d5	9.291	82	337374	85.352	ng		0.00
42) 2,4,6-Tribromophenol	16.254	330	221395	123.222	ng		0.00
45) 2-Fluorobiphenyl	13.393	172	716846	83.503	ng		0.00
79) Terphenyl-d14	20.126	244	1334675	77.710	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.545	88	42094	32.407	ng	#	77
3) Pyridine	3.951	79	109915	31.194	ng		88
4) n-Nitrosodimethylamine	3.863	42	76202	45.159	ng	#	63
6) Aniline	7.441	93	185179	36.873	ng		91
8) 2-Chlorophenol	7.682	128	130336	44.444	ng		81
9) Benzaldehyde	7.253	77	95941	46.494	ng	#	87
10) Phenol	7.294	94	181561	44.071	ng		91
11) bis(2-Chloroethyl)ether	7.535	93	124473	40.721	ng	#	79
12) 1,3-Dichlorobenzene	8.011	146	131245	40.063	ng		96
13) 1,4-Dichlorobenzene	8.157	146	134977	41.327	ng		98
14) 1,2-Dichlorobenzene	8.481	146	131242	41.770	ng		92
15) Benzyl Alcohol	8.357	79	154270	42.240	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.657	45	245496	42.446	ng		85
17) 2-Methylphenol	8.557	107	118967	44.034	ng		95
18) Hexachloroethane	9.221	117	54781	41.809	ng		95
19) n-Nitroso-di-n-propyla...	8.933	70	121756	39.060	ng	#	96
20) 3+4-Methylphenols	8.886	107	158019	42.779	ng		94
22) Acetophenone	8.951	105	221593	42.733	ng	#	94
24) Nitrobenzene	9.333	77	180370	40.510	ng		98
25) Isophorone	9.867	82	310492	36.056	ng	#	97
26) 2-Nitrophenol	10.049	139	65300	43.236	ng		97
27) 2,4-Dimethylphenol	10.102	122	128322	46.861	ng		96
28) bis(2-Chloroethoxy)met...	10.343	93	173442	43.497	ng		93
29) 2,4-Dichlorophenol	10.584	162	128760	41.913	ng		96
30) 1,2,4-Trichlorobenzene	10.807	180	142740	40.526	ng		97
31) Naphthalene	11.001	128	400229	39.416	ng		99
32) Benzoic acid	10.232	122	83078	46.448	ng	#	71
33) 4-Chloroaniline	11.101	127	81292	18.855	ng	#	97
34) Hexachlorobutadiene	11.289	225	96451	38.421	ng		93
35) Caprolactam	11.883	113	41275m	46.478	ng		
36) 4-Chloro-3-methylphenol	12.212	107	153709	40.934	ng	#	90
37) 2-Methylnaphthalene	12.599	142	302809	39.482	ng		99
38) 1-Methylnaphthalene	12.817	142	279546	38.823	ng		94
40) 1,2,4,5-Tetrachloroben...	12.964	216	164646	42.756	ng		98
41) Hexachlorocyclopentadiene	12.946	237	245926	99.343	ng		93
43) 2,4,6-Trichlorophenol	13.199	196	114480	44.431	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.269	196	120896	45.377	ng		89
46) 1,1'-Biphenyl	13.604	154	386407	43.218	ng		97
47) 2-Chloronaphthalene	13.645	162	295200	41.346	ng		97
48) 2-Nitroaniline	13.839	65	122423	47.048	ng		94
49) Acenaphthylene	14.491	152	494849	41.592	ng		97
50) Dimethylphthalate	14.221	163	407348	43.122	ng		99
51) 2,6-Dinitrotoluene	14.333	165	86953	45.199	ng		99
52) Acenaphthene	14.832	154	357171	46.576	ng		95
53) 3-Nitroaniline	14.662	138	65500	33.630	ng		92
54) 2,4-Dinitrophenol	14.867	184	94437	105.977	ng		86
55) Dibenzofuran	15.167	168	483210	40.537	ng		96
56) 4-Nitrophenol	14.961	139	156738	98.710	ng	#	88
57) 2,4-Dinitrotoluene	15.120	165	125317	53.033	ng		92
58) Fluorene	15.813	166	405327	41.583	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.384	232	119713	44.390	ng	#	99
60) Diethylphthalate	15.584	149	449763	43.960	ng		97
61) 4-Chlorophenyl-phenyle...	15.807	204	218420	42.854	ng		94
62) 4-Nitroaniline	15.825	138	89999	45.691	ng	#	79
63) Azobenzene	16.101	77	482640	41.228	ng		87
65) 4,6-Dinitro-2-methylph...	15.884	198	64183	44.330	ng		88
66) n-Nitrosodiphenylamine	16.019	169	366842	38.554	ng		97
67) 4-Bromophenyl-phenylether	16.706	248	145429	38.147	ng		93
68) Hexachlorobenzene	16.818	284	162157	39.244	ng		95
69) Atrazine	16.971	200	163609	53.570	ng		99
70) Pentachlorophenol	17.159	266	212832	85.708	ng		97
71) Phenanthrene	17.564	178	683536	39.787	ng		97
72) Anthracene	17.652	178	706808	40.943	ng		97
73) Carbazole	17.917	167	663756	40.112	ng		97
74) Di-n-butylphthalate	18.481	149	813614	43.838	ng		98
75) Fluoranthene	19.568	202	867454	41.872	ng		97
77) Benzidine	19.738	184	314066	49.564	ng		96
78) Pyrene	19.926	202	872224	38.204	ng		96
80) Butylbenzylphthalate	20.813	149	352186	40.886	ng		95
81) Benzo(a)anthracene	21.794	228	873280	38.667	ng		97
82) 3,3'-Dichlorobenzidine	21.700	252	228515	31.641	ng	#	98
83) Chrysene	21.859	228	835836	38.599	ng		95
84) Bis(2-ethylhexyl)phtha...	21.706	149	502029	40.888	ng		96
85) Di-n-octyl phthalate	22.970	149	857502	41.178	ng		96
87) Indeno(1,2,3-cd)pyrene	28.992	276	1015214	42.623	ng	#	96
88) Benzo(b)fluoranthene	24.092	252	904936	40.110	ng	#	93
89) Benzo(k)fluoranthene	24.168	252	880273	41.123	ng	#	97
90) Benzo(a)pyrene	25.002	252	870946	42.290	ng	#	97
91) Dibenzo(a,h)anthracene	29.074	278	844670	42.432	ng	#	96
92) Benzo(g,h,i)perylene	30.190	276	853524	42.521	ng	#	96

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

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