Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
Data File : BG056295.D
Acq On : 16 Jan 2023 13:56
Operator : CG/JU
Sample : PB150235BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 17 05:23:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 03:38:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB150235BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.311	152	48143	20.000	ng		0.00
21) Naphthalene-d8	11.149	136	188186	20.000	ng	#	0.00
39) Acenaphthene-d10	14.933	164	154156	20.000	ng		0.00
64) Phenanthrene-d10	17.671	188	396413	20.000	ng		0.00
76) Chrysene-d12	21.966	240	364670	20.000	ng	#	0.00
86) Perylene-d12	25.409	264	395974	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.832	112	411665	152.676	ng		0.00
7) Phenol-d6	7.453	99	569714	137.585	ng		0.00
23) Nitrobenzene-d5	9.492	82	303688	82.547	ng		0.00
42) 2,4,6-Tribromophenol	16.414	330	268322	137.435	ng		0.00
45) 2-Fluorobiphenyl	13.558	172	974872	87.327	ng		0.00
79) Terphenyl-d14	20.244	244	1900350	93.334	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.640	88	40969	33.265	ng	#	90
3) Pyridine	4.057	79	113728	30.319	ng	#	94
4) n-Nitrosodimethylamine	3.969	42	29704	38.928	ng		96
6) Aniline	7.630	93	176037	32.418	ng		98
8) 2-Chlorophenol	7.871	128	137441	51.224	ng		98
9) Benzaldehyde	7.442	77	69949	28.410	ng		97
10) Phenol	7.483	94	196725	46.846	ng		96
11) bis(2-Chloroethyl)ether	7.718	93	127425	44.777	ng		93
12) 1,3-Dichlorobenzene	8.206	146	153601	47.037	ng		94
13) 1,4-Dichlorobenzene	8.352	146	156852	47.832	ng		97
14) 1,2-Dichlorobenzene	8.676	146	154478	48.822	ng		98
15) Benzyl Alcohol	8.546	79	130598	43.335	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.840	45	26078m	51.856	ng		
17) 2-Methylphenol	8.752	107	136677	44.356	ng		98
18) Hexachloroethane	9.416	117	48669	48.855	ng		98
19) n-Nitroso-di-n-propyla...	9.122	70	98441	39.095	ng		97
20) 3+4-Methylphenols	9.075	107	189803	43.812	ng		96
22) Acetophenone	9.140	105	223519	42.007	ng	#	100
24) Nitrobenzene	9.533	77	149189	40.920	ng		99
25) Isophorone	10.056	82	302087	39.026	ng		97
26) 2-Nitrophenol	10.250	139	86061	46.135	ng		96
27) 2,4-Dimethylphenol	10.291	122	151490	44.525	ng		95
28) bis(2-Chloroethoxy)met...	10.532	93	176181	43.792	ng		99
29) 2,4-Dichlorophenol	10.785	162	176066	46.807	ng		98
30) 1,2,4-Trichlorobenzene	11.008	180	190381	44.600	ng		98
31) Naphthalene	11.202	128	434583	43.880	ng		99
32) Benzoic acid	10.421	122	104402m	41.356	ng		
33) 4-Chloroaniline	11.296	127	104743	22.151	ng		98
34) Hexachlorobutadiene	11.478	225	134683	43.870	ng		99
35) Caprolactam	12.066	113	52746m	41.417	ng		
36) 4-Chloro-3-methylphenol	12.395	107	167152	43.793	ng		99
37) 2-Methylnaphthalene	12.782	142	343300	41.052	ng		99
38) 1-Methylnaphthalene	13.000	142	318344	40.994	ng		98
40) 1,2,4,5-Tetrachloroben...	13.141	216	259168	44.856	ng		98
41) Hexachlorocyclopentadiene	13.117	237	328789	99.814	ng		94
43) 2,4,6-Trichlorophenol	13.370	196	173293	45.359	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.446	196	187962	41.590	ng		98
46) 1,1'-Biphenyl	13.770	154	498486	45.152	ng		99
47) 2-Chloronaphthalene	13.822	162	396131	45.458	ng		99
48) 2-Nitroaniline	14.016	65	84030	45.259	ng		95
49) Acenaphthylene	14.657	152	611546	43.125	ng		99
50) Dimethylphthalate	14.375	163	537246	43.172	ng		98
51) 2,6-Dinitrotoluene	14.498	165	115124	43.416	ng		97
52) Acenaphthene	14.998	154	460125m	49.889	ng		
53) 3-Nitroaniline	14.827	138	78277	31.018	ng		96
54) 2,4-Dinitrophenol	15.033	184	173125	91.391	ng	#	94
55) Dibenzofuran	15.327	168	659400	43.204	ng		97
56) 4-Nitrophenol	15.121	139	183806	94.702	ng		94
57) 2,4-Dinitrotoluene	15.280	165	166529	44.906	ng		94
58) Fluorene	15.973	166	529212	43.110	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.544	232	190475	44.887	ng		95
60) Diethylphthalate	15.720	149	509219	43.633	ng		99
61) 4-Chlorophenyl-phenyle...	15.955	204	335662	43.815	ng		98
62) 4-Nitroaniline	15.991	138	109055	42.187	ng		93
63) Azobenzene	16.249	77	387496	43.027	ng		98
65) 4,6-Dinitro-2-methylph...	16.043	198	117325	43.929	ng		94
66) n-Nitrosodiphenylamine	16.167	169	490829	44.626	ng		97
67) 4-Bromophenyl-phenylether	16.848	248	224433	44.460	ng		99
68) Hexachlorobenzene	16.978	284	225058	47.787	ng		97
69) Atrazine	17.101	200	242789	53.263	ng		98
70) Pentachlorophenol	17.312	266	291956	80.701	ng		100
71) Phenanthrene	17.712	178	917393	44.656	ng		98
72) Anthracene	17.806	178	928713	43.824	ng		100
73) Carbazole	18.065	167	802687	45.061	ng		99
74) Di-n-butylphthalate	18.593	149	821127	46.242	ng		99
75) Fluoranthene	19.698	202	1141168	42.585	ng		99
77) Benzidine	19.868	184	367272	28.739	ng		98
78) Pyrene	20.062	202	1151603	44.803	ng		99
80) Butylbenzylphthalate	20.920	149	344793	46.757	ng		99
81) Benzo(a)anthracene	21.942	228	1145639	44.728	ng		99
82) 3,3'-Dichlorobenzidine	21.848	252	307311	33.330	ng		99
83) Chrysene	22.019	228	1066685	44.460	ng		99
84) Bis(2-ethylhexyl)phtha...	21.807	149	493803	46.480	ng		99
85) Di-n-octyl phthalate	23.094	149	837117	46.675	ng		100
87) Indeno(1,2,3-cd)pyrene	29.381	276	1442767	50.100	ng	#	97
88) Benzo(b)fluoranthene	24.316	252	1194169	47.465	ng		98
89) Benzo(k)fluoranthene	24.387	252	1172026	46.782	ng		99
90) Benzo(a)pyrene	25.250	252	1057833	43.109	ng		100
91) Dibenzo(a,h)anthracene	29.445	278	1227021	50.821	ng		99
92) Benzo(g,h,i)perylene	30.638	276	1218466	52.041	ng		99

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

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