Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110122\
Data File : BG055406.D
Acq On : 2 Nov 2022 00:05
Operator : CG/JU
Sample : PB148705BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 02 05:42:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:05:12 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB148705BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.241	152	23046	20.000	ng		0.00
21) Naphthalene-d8	11.073	136	103728	20.000	ng		0.00
39) Acenaphthene-d10	14.862	164	78872	20.000	ng		0.00
64) Phenanthrene-d10	17.595	188	191735	20.000	ng		0.00
76) Chrysene-d12	21.866	240	191841	20.000	ng		0.00
86) Perylene-d12	25.244	264	213610	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.767	112	237743	185.260	ng		0.00
7) Phenol-d6	7.395	99	319269	179.404	ng		0.00
23) Nitrobenzene-d5	9.422	82	186859	96.007	ng		0.00
42) 2,4,6-Tribromophenol	16.343	330	179990	167.303	ng		0.00
45) 2-Fluorobiphenyl	13.488	172	496800	93.390	ng		0.00
79) Terphenyl-d14	20.168	244	979349	99.269	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.564	88	22736	39.061	ng		92
3) Pyridine	3.987	79	62896	36.410	ng		99
4) n-Nitrosodimethylamine	3.899	42	31062	45.518	ng		98
6) Aniline	7.559	93	79491	34.439	ng		98
8) 2-Chlorophenol	7.806	128	85033	54.536	ng		98
9) Benzaldehyde	7.371	77	33405m	31.928	ng		
10) Phenol	7.418	94	111814	55.511	ng		98
11) bis(2-Chloroethyl)ether	7.647	93	70889	47.041	ng		100
12) 1,3-Dichlorobenzene	8.129	146	85157	48.185	ng		97
13) 1,4-Dichlorobenzene	8.276	146	86669	48.149	ng		98
14) 1,2-Dichlorobenzene	8.605	146	85022	49.348	ng		98
15) Benzyl Alcohol	8.482	79	77002m	54.252	ng		
16) 2,2'-oxybis(1-Chloropr...	8.770	45	93991	46.879	ng		100
17) 2-Methylphenol	8.681	107	79268	54.694	ng		99
18) Hexachloroethane	9.339	117	29718	48.397	ng		95
19) n-Nitroso-di-n-propyla...	9.046	70	64840	46.628	ng		98
20) 3+4-Methylphenols	9.010	107	108463	52.671	ng		96
22) Acetophenone	9.069	105	127761	46.992	ng	#	99
24) Nitrobenzene	9.463	77	92818	45.741	ng		95
25) Isophorone	9.980	82	182901	47.451	ng		100
26) 2-Nitrophenol	10.180	139	50797	48.616	ng		97
27) 2,4-Dimethylphenol	10.227	122	90667	61.886	ng		94
28) bis(2-Chloroethoxy)met...	10.456	93	107336	52.281	ng		99
29) 2,4-Dichlorophenol	10.720	162	94067	52.635	ng		97
30) 1,2,4-Trichlorobenzene	10.932	180	88565	45.764	ng		100
31) Naphthalene	11.126	128	266528	45.637	ng		99
32) Benzoic acid	10.385	122	40203	45.718	ng		100
33) 4-Chloroaniline	11.226	127	60392	24.887	ng		98
34) Hexachlorobutadiene	11.396	225	53715	44.654	ng		100
35) Caprolactam	12.001	113	34378m	51.955	ng		
36) 4-Chloro-3-methylphenol	12.336	107	104224	53.262	ng		99
37) 2-Methylnaphthalene	12.706	142	199537	46.514	ng		99
38) 1-Methylnaphthalene	12.924	142	187871	44.901	ng		99
40) 1,2,4,5-Tetrachloroben...	13.070	216	106953	45.905	ng		99
41) Hexachlorocyclopentadiene	13.047	237	122277	107.542	ng		96
43) 2,4,6-Trichlorophenol	13.305	196	80101	49.369	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	88522	48.982	ng	96
46) 1,1'-Biphenyl	13.699	154	277456	47.807	ng	100
47) 2-Chloronaphthalene	13.746	162	215291	46.166	ng	99
48) 2-Nitroaniline	13.946	65	68610	47.900	ng	100
49) Acenaphthylene	14.586	152	358237	46.783	ng	99
50) Dimethylphthalate	14.304	163	306573	46.566	ng	99
51) 2,6-Dinitrotoluene	14.428	165	68208	49.488	ng	98
52) Acenaphthene	14.921	154	209217	45.907	ng	99
53) 3-Nitroaniline	14.763	138	42414	27.380	ng	97
54) 2,4-Dinitrophenol	14.974	184	81264	96.418	ng	96
55) Dibenzofuran	15.256	168	352709	46.757	ng	100
56) 4-Nitrophenol	15.074	139	116099	109.305	ng	96
57) 2,4-Dinitrotoluene	15.215	165	99160	50.316	ng	98
58) Fluorene	15.902	166	285374	46.569	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.479	232	78208	48.128	ng	100
60) Diethylphthalate	15.650	149	324349	47.407	ng	99
61) 4-Chlorophenyl-phenyle...	15.879	204	150684	47.562	ng	99
62) 4-Nitroaniline	15.926	138	77083	47.033	ng	99
63) Azobenzene	16.173	77	265915	46.756	ng	98
65) 4,6-Dinitro-2-methylph...	15.979	198	59822	48.437	ng	99
66) n-Nitrosodiphenylamine	16.096	169	267105	46.857	ng	99
67) 4-Bromophenyl-phenylether	16.772	248	104310	46.023	ng	99
68) Hexachlorobenzene	16.901	284	121537	47.022	ng	97
69) Atrazine	17.030	200	108135	56.504	ng	100
70) Pentachlorophenol	17.248	266	125735	93.130	ng	99
71) Phenanthrene	17.636	178	497928	46.169	ng	100
72) Anthracene	17.730	178	506192	47.885	ng	99
73) Carbazole	17.994	167	484141	49.226	ng	99
74) Di-n-butylphthalate	18.517	149	595554	48.484	ng	100
75) Fluoranthene	19.627	202	612933	47.248	ng	100
77) Benzidine	19.798	184	232863	58.303	ng	100
78) Pyrene	19.986	202	621613	45.931	ng	99
80) Butylbenzylphthalate	20.838	149	267524	47.413	ng	99
81) Benzo(a)anthracene	21.848	228	612392	46.502	ng	100
82) 3,3'-Dichlorobenzidine	21.748	252	185697	41.120	ng	99
83) Chrysene	21.919	228	575564	45.811	ng	100
84) Bis(2-ethylhexyl)phtha...	21.707	149	392438	47.847	ng	100
85) Di-n-octyl phthalate	22.965	149	667443	47.494	ng	100
87) Indeno(1,2,3-cd)pyrene	29.134	276	793654	46.276	ng	100
88) Benzo(b)fluoranthene	24.169	252	656959	48.418	ng	99
89) Benzo(k)fluoranthene	24.240	252	654088	47.970	ng	99
90) Benzo(a)pyrene	25.086	252	590693	50.348	ng	99
91) Dibenzo(a,h)anthracene	29.199	278	675575	47.745	ng	100
92) Benzo(g,h,i)perylene	30.368	276	667578	47.438	ng	99

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

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