Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
Data File : BG053475.D
Acq On : 6 May 2022 15:35
Operator : CG/JU
Sample : N2723-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MMC-PIT1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/09/2022
Supervised By :mohammad ahmed 05/09/2022

Quant Time: May 06 23:33:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 02:13:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.091	152	21794	20.000	ng		0.00
21) Naphthalene-d8	10.899	136	101334	20.000	ng		-0.01
39) Acenaphthene-d10	14.717	164	85364	20.000	ng		0.00
64) Phenanthrene-d10	17.460	188	210985	20.000	ng		0.00
76) Chrysene-d12	21.743	240	201793	20.000	ng		0.00
86) Perylene-d12	25.021	264	216774	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.653	112	186870	145.519	ng		-0.01
7) Phenol-d6	7.251	99	291913	149.782	ng		0.00
23) Nitrobenzene-d5	9.254	82	200820	84.361	ng		0.00
42) 2,4,6-Tribromophenol	16.203	330	164718	130.830	ng		0.00
45) 2-Fluorobiphenyl	13.336	172	468440	80.189	ng		0.00
79) Terphenyl-d14	20.063	244	900588	83.121	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.532	88	22628	33.584	ng		98
3) Pyridine	3.937	79	59574	36.205	ng		97
4) n-Nitrosodimethylamine	3.849	42	37345	46.590	ng		98
6) Aniline	7.409	93	122820	56.899	ng		97
8) 2-Chlorophenol	7.656	128	75591	56.307	ng		98
9) Benzaldehyde	7.221	77	50610	40.876	ng		96
10) Phenol	7.280	94	108458	56.900	ng		96
11) bis(2-Chloroethyl)ether	7.503	93	69527	48.908	ng		98
12) 1,3-Dichlorobenzene	7.979	146	73966	46.704	ng		91
13) 1,4-Dichlorobenzene	8.126	146	74826	46.820	ng		97
14) 1,2-Dichlorobenzene	8.449	146	73412	48.917	ng		94
15) Benzyl Alcohol	8.326	79	92471m	56.753	ng		
16) 2,2'-oxybis(1-Chloropr...	8.613	45	113069	48.869	ng		99
17) 2-Methylphenol	8.531	107	74300	57.672	ng		97
18) Hexachloroethane	9.177	117	28363	46.734	ng		94
19) n-Nitroso-di-n-propyla...	8.895	70	73394	52.487	ng		97
20) 3+4-Methylphenols	8.860	107	102216	56.178	ng		99
22) Acetophenone	8.913	105	126470	45.601	ng	#	98
24) Nitrobenzene	9.295	77	109393	47.479	ng		98
25) Isophorone	9.818	82	207553	51.807	ng		99
26) 2-Nitrophenol	10.012	139	45579	48.843	ng		97
27) 2,4-Dimethylphenol	10.070	122	80028	56.985	ng		94
28) bis(2-Chloroethoxy)met...	10.294	93	106593	46.262	ng		99
29) 2,4-Dichlorophenol	10.552	162	88983	52.500	ng		92
30) 1,2,4-Trichlorobenzene	10.764	180	85906	44.609	ng		97
31) Naphthalene	10.951	128	239402	46.444	ng		99
32) Benzoic acid	10.247	122	49649m	55.045	ng		
33) 4-Chloroaniline	11.057	127	98279	45.527	ng		97
34) Hexachlorobutadiene	11.239	225	60569	42.416	ng		95
35) Caprolactam	11.833	113	33668m	54.662	ng		
36) 4-Chloro-3-methylphenol	12.179	107	108977	53.751	ng		96
37) 2-Methylnaphthalene	12.549	142	183393	47.675	ng		99
38) 1-Methylnaphthalene	12.767	142	177719m	47.352	ng		
40) 1,2,4,5-Tetrachloroben...	12.919	216	118877	44.179	ng		99
41) Hexachlorocyclopentadiene	12.896	237	99559	89.640	ng		96
43) 2,4,6-Trichlorophenol	13.154	196	85274	48.550	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.237	196	92982	49.741	ng		97
46) 1,1'-Biphenyl	13.548	154	262808	45.166	ng		99
47) 2-Chloronaphthalene	13.595	162	204515	44.861	ng		98
48) 2-Nitroaniline	13.795	65	84177	49.553	ng		97
49) Acenaphthylene	14.441	152	358184	49.237	ng		99
50) Dimethylphthalate	14.165	163	301328	46.452	ng		99
51) 2,6-Dinitrotoluene	14.288	165	65724	49.731	ng		94
52) Acenaphthene	14.782	154	203025	46.830	ng		98
53) 3-Nitroaniline	14.617	138	59487	41.659	ng		97
54) 2,4-Dinitrophenol	14.829	184	82510	96.922	ng		98
55) Dibenzofuran	15.111	168	350464	45.005	ng		99
56) 4-Nitrophenol	14.934	139	103279	101.262	ng		92
57) 2,4-Dinitrotoluene	15.075	165	94794	49.484	ng		89
58) Fluorene	15.763	166	290326	46.459	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.346	232	88869	46.856	ng		99
60) Diethylphthalate	15.522	149	308970	46.110	ng		99
61) 4-Chlorophenyl-phenyle...	15.745	204	160248	45.955	ng		98
62) 4-Nitroaniline	15.780	138	67378	45.492	ng		98
63) Azobenzene	16.045	77	312428	45.533	ng		98
65) 4,6-Dinitro-2-methylph...	15.845	198	57062	45.388	ng		95
66) n-Nitrosodiphenylamine	15.962	169	260834	47.086	ng		99
67) 4-Bromophenyl-phenylether	16.644	248	114084	46.299	ng		96
68) Hexachlorobenzene	16.773	284	125933	46.666	ng		97
69) Atrazine	16.908	200	112156	48.094	ng		97
70) Pentachlorophenol	17.120	266	136333	93.007	ng		96
71) Phenanthrene	17.501	178	498422	46.459	ng		98
72) Anthracene	17.595	178	507308	48.109	ng		100
73) Carbazole	17.860	167	454603	43.988	ng		100
74) Di-n-butylphthalate	18.406	149	533530	45.903	ng		99
75) Fluoranthene	19.511	202	628981	45.280	ng		99
77) Benzidine	19.681	184	589987	135.648	ng		99
78) Pyrene	19.869	202	624082	47.775	ng		99
80) Butylbenzylphthalate	20.744	149	230514	48.122	ng		97
81) Benzo(a)anthracene	21.719	228	608974	47.315	ng		99
82) 3,3'-Dichlorobenzidine	21.625	252	172127	52.737	ng		97
83) Chrysene	21.790	228	554816	46.155	ng		98
84) Bis(2-ethylhexyl)phtha...	21.608	149	324045	49.012	ng		100
85) Di-n-octyl phthalate	22.835	149	553746	49.530	ng		99
87) Indeno(1,2,3-cd)pyrene	28.786	276	688223	45.584	ng	#	96
88) Benzo(b)fluoranthene	23.981	252	634094	49.418	ng		100
89) Benzo(k)fluoranthene	24.046	252	607586	48.188	ng		99
90) Benzo(a)pyrene	24.868	252	615258	56.336	ng		99
91) Dibenzo(a,h)anthracene	28.833	278	595483	47.866	ng		97
92) Benzo(g,h,i)perylene	29.967	276	594188	48.184	ng		96

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

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