Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042723\
Data File : BG057202.D
Acq On : 27 Apr 2023 20:11
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

Quant Time: Apr 28 04:31:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 04:23:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.384	152	16135	20.000	ng	0.00
21) Naphthalene-d8	11.221	136	65331	20.000	ng	0.00
39) Acenaphthene-d10	14.993	164	50583	20.000	ng	0.00
64) Phenanthrene-d10	17.730	188	123770	20.000	ng	0.00
76) Chrysene-d12	22.042	240	111051	20.000	ng	0.00
86) Perylene-d12	25.555	264	116399	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.893	112	77558	82.226	ng	0.00
7) Phenol-d6	7.520	99	117362	81.938	ng	0.00
23) Nitrobenzene-d5	9.559	82	127863	82.143	ng	0.00
42) 2,4,6-Tribromophenol	16.479	330	58384	81.347	ng	0.00
45) 2-Fluorobiphenyl	13.618	172	306727	81.668	ng	0.00
79) Terphenyl-d14	20.297	244	543300	79.839	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.702	88	15563	39.905	ng	100
3) Pyridine	4.125	79	52518	41.902	ng	100
4) n-Nitrosodimethylamine	4.031	42	24627	41.812	ng	100
6) Aniline	7.697	93	74952	41.249	ng	100
8) 2-Chlorophenol	7.943	128	40553	40.688	ng	100
9) Benzaldehyde	7.509	77	30482	40.156	ng	100
10) Phenol	7.550	94	58078	41.595	ng	100
11) bis(2-Chloroethyl)ether	7.785	93	42758	40.611	ng	100
12) 1,3-Dichlorobenzene	8.272	146	44490	40.444	ng	100
13) 1,4-Dichlorobenzene	8.419	146	45284	40.983	ng	100
14) 1,2-Dichlorobenzene	8.742	146	42733	40.061	ng	100
15) Benzyl Alcohol	8.619	79	50950	42.699	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.907	45	53852	40.581	ng	100
17) 2-Methylphenol	8.819	107	41622	41.353	ng	100
18) Hexachloroethane	9.482	117	16059	40.273	ng	100
19) n-Nitroso-di-n-propyla...	9.183	70	44450	40.699	ng	100
20) 3+4-Methylphenols	9.148	107	56542	41.026	ng	100
22) Acetophenone	9.212	105	75585	40.423	ng	100
24) Nitrobenzene	9.600	77	64411	40.998	ng	100
25) Isophorone	10.123	82	122041	40.433	ng	100
26) 2-Nitrophenol	10.317	139	24838	41.302	ng	100
27) 2,4-Dimethylphenol	10.364	122	44220	41.993	ng	100
28) bis(2-Chloroethoxy)met...	10.593	93	61563	40.713	ng	100
29) 2,4-Dichlorophenol	10.857	162	45789	40.998	ng	100
30) 1,2,4-Trichlorobenzene	11.074	180	51684	40.121	ng	100
31) Naphthalene	11.274	128	142183	40.709	ng	100
32) Benzoic acid	10.510	122	24050m	40.432	ng	
33) 4-Chloroaniline	11.368	127	65257	41.605	ng	100
34) Hexachlorobutadiene	11.544	225	38068	39.826	ng	100
35) Caprolactam	12.138	113	16029	42.015	ng	100
36) 4-Chloro-3-methylphenol	12.461	107	51816	40.825	ng	100
37) 2-Methylnaphthalene	12.848	142	111206	40.496	ng	100
38) 1-Methylnaphthalene	13.066	142	104727	40.461	ng	100
40) 1,2,4,5-Tetrachloroben...	13.207	216	73988	41.202	ng	100
41) Hexachlorocyclopentadiene	13.183	237	31776	40.212	ng	100
43) 2,4,6-Trichlorophenol	13.442	196	46141	42.175	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.518	196	54539	42.380	ng	100
46) 1,1'-Biphenyl	13.829	154	154345	41.121	ng	100
47) 2-Chloronaphthalene	13.882	162	114784	41.124	ng	100
48) 2-Nitroaniline	14.076	65	39720	41.853	ng	100
49) Acenaphthylene	14.722	152	186873	41.211	ng	100
50) Dimethylphthalate	14.429	163	165874	39.905	ng	100
51) 2,6-Dinitrotoluene	14.558	165	34910	41.134	ng	100
52) Acenaphthene	15.057	154	116641	41.164	ng	100
53) 3-Nitroaniline	14.893	138	34688	40.798	ng	100
54) 2,4-Dinitrophenol	15.098	184	19995	40.622	ng	100
55) Dibenzofuran	15.386	168	193701	40.686	ng	100
56) 4-Nitrophenol	15.192	139	24862	43.966	ng	100
57) 2,4-Dinitrotoluene	15.345	165	49749	41.016	ng	100
58) Fluorene	16.032	166	159139	40.581	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.609	232	48972	41.974	ng	100
60) Diethylphthalate	15.774	149	170892	40.483	ng	100
61) 4-Chlorophenyl-phenyle...	16.015	204	96560	40.873	ng	100
62) 4-Nitroaniline	16.050	138	35999	41.970	ng	100
63) Azobenzene	16.308	77	165679	40.678	ng	100
65) 4,6-Dinitro-2-methylph...	16.109	198	32739	44.305	ng	100
66) n-Nitrosodiphenylamine	16.226	169	139204	41.410	ng	100
67) 4-Bromophenyl-phenylether	16.908	248	62511	41.373	ng	100
68) Hexachlorobenzene	17.037	284	60192	40.995	ng	100
69) Atrazine	17.154	200	52667	41.071	ng	100
70) Pentachlorophenol	17.383	266	36804	43.494	ng	100
71) Phenanthrene	17.777	178	260310	41.044	ng	100
72) Anthracene	17.865	178	269292	41.381	ng	100
73) Carbazole	18.129	167	224308	40.943	ng	100
74) Di-n-butylphthalate	18.646	149	262624	41.664	ng	100
75) Fluoranthene	19.763	202	324580	41.148	ng	100
77) Benzidine	19.927	184	87934	35.419	ng	100
78) Pyrene	20.121	202	323918	40.140	ng	100
80) Butylbenzylphthalate	20.973	149	106473	41.584	ng	100
81) Benzo(a)anthracene	22.018	228	326379	41.251	ng	100
82) 3,3'-Dichlorobenzidine	21.918	252	105952	41.808	ng	100
83) Chrysene	22.095	228	303612	40.785	ng	100
84) Bis(2-ethylhexyl)phtha...	21.871	149	158645	41.877	ng	100
85) Di-n-octyl phthalate	23.170	149	262255	41.525	ng	100
87) Indeno(1,2,3-cd)pyrene	29.614	276	348284	41.055	ng	100
88) Benzo(b)fluoranthene	24.427	252	312901	41.123	ng	100
89) Benzo(k)fluoranthene	24.503	252	317007	40.999	ng	100
90) Benzo(a)pyrene	25.390	252	303191	40.786	ng	100
91) Dibenzo(a,h)anthracene	29.673	278	290527	41.123	ng	100
92) Benzo(g,h,i)perylene	30.889	276	282165	40.904	ng	100

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

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