Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100322\
Data File : BG055048.D
Acq On : 3 Oct 2022 16:58
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022

Quant Time: Oct 04 04:59:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 04:58:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.344	152	21836	20.000	ng		0.00
21) Naphthalene-d8	11.176	136	97523	20.000	ng		0.00
39) Acenaphthene-d10	14.948	164	74406	20.000	ng		0.00
64) Phenanthrene-d10	17.680	188	189764	20.000	ng		0.00
76) Chrysene-d12	21.981	240	202522	20.000	ng		0.00
86) Perylene-d12	25.435	264	203993	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.858	112	8603	7.552	ng		0.00
7) Phenol-d6	7.468	99	11939	7.900	ng		0.00
23) Nitrobenzene-d5	9.507	82	13637	9.023	ng		0.00
42) 2,4,6-Tribromophenol	16.423	330	4964	5.880	ng		0.00
45) 2-Fluorobiphenyl	13.579	172	48823	10.329	ng		0.00
79) Terphenyl-d14	20.259	244	103469	10.654	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.690	88	3226	5.718	ng		91
3) Pyridine	4.113	79	8690	5.420	ng		87
4) n-Nitrosodimethylamine	4.014	42	4961	6.364	ng	#	77
6) Aniline	7.650	93	10744	5.396	ng	#	94
8) 2-Chlorophenol	7.897	128	4461	3.507	ng		89
9) Benzaldehyde	7.468	77	6995	6.961	ng		97
10) Phenol	7.492	94	7092	4.137	ng		99
11) bis(2-Chloroethyl)ether	7.744	93	7089	5.510	ng		86
12) 1,3-Dichlorobenzene	8.232	146	8091	5.197	ng		95
13) 1,4-Dichlorobenzene	8.379	146	8168	5.173	ng		95
14) 1,2-Dichlorobenzene	8.702	146	8171	5.476	ng		90
15) Benzyl Alcohol	8.567	79	5389	4.166	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.867	45	13623	6.329	ng		97
17) 2-Methylphenol	8.767	107	4971	4.152	ng		97
18) Hexachloroethane	9.442	117	2387	4.602	ng		93
19) n-Nitroso-di-n-propyla...	9.137	70	7311	6.157	ng		99
20) 3+4-Methylphenols	9.084	107	6606	4.004	ng		92
22) Acetophenone	9.166	105	12855	5.373	ng	#	100
24) Nitrobenzene	9.548	77	7363	4.496	ng		98
25) Isophorone	10.077	82	15701	4.627	ng	#	98
26) 2-Nitrophenol	10.271	139	2232	3.563	ng		96
27) 2,4-Dimethylphenol	10.312	122	4725m	3.562	ng		
28) bis(2-Chloroethoxy)met...	10.559	93	8568	4.837	ng	#	92
29) 2,4-Dichlorophenol	10.806	162	4311	2.910	ng		95
30) 1,2,4-Trichlorobenzene	11.029	180	8598	4.944	ng		96
31) Naphthalene	11.223	128	25826	5.077	ng		99
33) 4-Chloroaniline	11.317	127	10882	5.259	ng		98
34) Hexachlorobutadiene	11.505	225	5454	4.807	ng		98
35) Caprolactam	12.051	113	1837	3.776	ng	#	67
36) 4-Chloro-3-methylphenol	12.398	107	5855	3.582	ng		98
37) 2-Methylnaphthalene	12.803	142	19665	5.388	ng		99
38) 1-Methylnaphthalene	13.021	142	19156	5.436	ng		100
40) 1,2,4,5-Tetrachloroben...	13.156	216	10934	5.007	ng		97
43) 2,4,6-Trichlorophenol	13.385	196	3725	2.678	ng		97
44) 2,4,5-Trichlorophenol	13.455	196	4773	3.017	ng	#	85
46) 1,1'-Biphenyl	13.790	154	25779	5.065	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.837	162	21406	5.204	ng		96
48) 2-Nitroaniline	14.019	65	3450	3.434	ng		89
49) Acenaphthylene	14.672	152	34188	5.122	ng		99
50) Dimethylphthalate	14.390	163	21555	3.876	ng		99
51) 2,6-Dinitrotoluene	14.501	165	3272	3.539	ng	#	84
52) Acenaphthene	15.012	154	21919	5.290	ng		99
53) 3-Nitroaniline	14.836	138	3965	3.634	ng		96
54) 2,4-Dinitrophenol	15.030	184	2090	4.456	ng	#	39
55) Dibenzofuran	15.341	168	34485	5.149	ng		100
57) 2,4-Dinitrotoluene	15.283	165	4823	3.875	ng	#	78
58) Fluorene	15.988	166	27506	5.144	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.559	232	4254	2.985	ng	#	94
60) Diethylphthalate	15.741	149	21854	3.809	ng		96
61) 4-Chlorophenyl-phenyle...	15.976	204	15172	5.305	ng		96
62) 4-Nitroaniline	15.982	138	4959	4.189	ng	#	77
63) Azobenzene	16.264	77	31658	5.881	ng		98
65) 4,6-Dinitro-2-methylph...	16.041	198	3378	4.624	ng		92
66) n-Nitrosodiphenylamine	16.182	169	23073	4.517	ng		95
67) 4-Bromophenyl-phenylether	16.863	248	9920	4.853	ng		93
68) Hexachlorobenzene	16.987	284	11279	4.885	ng		95
69) Atrazine	17.116	200	6996	3.695	ng		96
71) Phenanthrene	17.727	178	50986	5.204	ng		97
72) Anthracene	17.815	178	50031	5.177	ng		99
73) Carbazole	18.074	167	40181	4.436	ng		98
74) Di-n-butylphthalate	18.620	149	33601	3.087	ng		98
75) Fluoranthene	19.713	202	65921	5.251	ng		99
77) Benzidine	19.877	184	20361	4.060	ng		98
78) Pyrene	20.071	202	68191	5.262	ng		99
80) Butylbenzylphthalate	20.947	149	12035	2.571	ng		97
81) Benzo(a)anthracene	21.957	228	63475	4.893	ng		97
82) 3,3'-Dichlorobenzidine	21.857	252	15279	3.642	ng		99
83) Chrysene	22.028	228	62466	5.113	ng		96
84) Bis(2-ethylhexyl)phtha...	21.846	149	18713	2.701	ng		97
85) Di-n-octyl phthalate	23.150	149	31502	2.709	ng	#	93
87) Indeno(1,2,3-cd)pyrene	29.407	276	70970	4.762	ng	#	90
88) Benzo(b)fluoranthene	24.331	252	58716	4.834	ng		98
89) Benzo(k)fluoranthene	24.401	252	60464	5.032	ng		99
90) Benzo(a)pyrene	25.265	252	51109	4.979	ng		99
91) Dibenzo(a,h)anthracene	29.484	278	58781	4.792	ng		97
92) Benzo(g,h,i)perylene	30.641	276	58651	4.860	ng	#	95

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

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