Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120222\
Data File : BG055869.D
Acq On : 2 Dec 2022 10:43
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 03 04:54:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 04:07:17 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	28947	20.000	ng	0.00
21) Naphthalene-d8	11.032	136	125379	20.000	ng	0.00
39) Acenaphthene-d10	14.834	164	96489	20.000	ng	0.00
64) Phenanthrene-d10	17.572	188	227645	20.000	ng	0.00
76) Chrysene-d12	21.867	240	212893	20.000	ng	0.00
86) Perylene-d12	25.245	264	229814	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.733	112	120382	75.169	ng	0.00
7) Phenol-d6	7.354	99	165237	77.510	ng	0.00
23) Nitrobenzene-d5	9.375	82	184001	77.567	ng	-0.01
42) 2,4,6-Tribromophenol	16.320	330	100122	73.690	ng	0.00
45) 2-Fluorobiphenyl	13.453	172	476565	73.993	ng	0.00
79) Terphenyl-d14	20.157	244	808493	75.958	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.553	88	25454	37.192	ng	97
3) Pyridine	3.964	79	79366	37.801	ng	98
4) n-Nitrosodimethylamine	3.882	42	43712	39.324	ng	98
6) Aniline	7.519	93	104322	38.960	ng	98
8) 2-Chlorophenol	7.766	128	70269	38.382	ng	98
9) Benzaldehyde	7.331	77	51517	35.583	ng	98
10) Phenol	7.384	94	91725	38.427	ng	98
11) bis(2-Chloroethyl)ether	7.607	93	68462	37.426	ng	99
12) 1,3-Dichlorobenzene	8.089	146	80959	37.612	ng	96
13) 1,4-Dichlorobenzene	8.236	146	82034	37.716	ng	99
14) 1,2-Dichlorobenzene	8.559	146	78593	37.707	ng	97
15) Benzyl Alcohol	8.441	79	68279	39.409	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.723	45	127642	38.545	ng	98
17) 2-Methylphenol	8.647	107	66339	39.146	ng	97
18) Hexachloroethane	9.293	117	28630	38.243	ng	99
19) n-Nitroso-di-n-propyla...	9.005	70	65921	40.246	ng	97
20) 3+4-Methylphenols	8.976	107	95638	40.399	ng	98
22) Acetophenone	9.029	105	122702	37.662	ng	98
24) Nitrobenzene	9.422	77	94484	38.133	ng	100
25) Isophorone	9.939	82	174556	38.837	ng	99
26) 2-Nitrophenol	10.133	139	47682	41.687	ng	94
27) 2,4-Dimethylphenol	10.186	122	68235m	39.197	ng	
28) bis(2-Chloroethoxy)met...	10.415	93	90829	37.643	ng	98
29) 2,4-Dichlorophenol	10.680	162	81556	39.141	ng	99
30) 1,2,4-Trichlorobenzene	10.891	180	91125	37.644	ng	97
31) Naphthalene	11.085	128	252796	37.298	ng	99
32) Benzoic acid	10.339	122	33878m	23.654	ng	
33) 4-Chloroaniline	11.185	127	108474	38.797	ng	99
34) Hexachlorobutadiene	11.355	225	63459	38.391	ng	93
35) Caprolactam	11.961	113	28503	39.530	ng	99
36) 4-Chloro-3-methylphenol	12.301	107	91540	39.972	ng	98
37) 2-Methylnaphthalene	12.672	142	193145	38.059	ng	99
38) 1-Methylnaphthalene	12.889	142	191824	38.937	ng	98
40) 1,2,4,5-Tetrachloroben...	13.036	216	113955	37.582	ng	99
41) Hexachlorocyclopentadiene	13.012	237	54303	35.533	ng	96
43) 2,4,6-Trichlorophenol	13.277	196	75269	36.390	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.353	196	83590	36.775	ng		99
46) 1,1'-Biphenyl	13.665	154	258406	36.751	ng		99
47) 2-Chloronaphthalene	13.717	162	203494	37.234	ng		99
48) 2-Nitroaniline	13.917	65	70827	39.418	ng		95
49) Acenaphthylene	14.558	152	334639	37.184	ng		99
50) Dimethylphthalate	14.276	163	290501	37.768	ng		99
51) 2,6-Dinitrotoluene	14.399	165	61342	39.004	ng		99
52) Acenaphthene	14.898	154	220547m	37.496	ng		
53) 3-Nitroaniline	14.734	138	66411	38.466	ng		94
54) 2,4-Dinitrophenol	14.951	184	35217	38.946	ng		97
55) Dibenzofuran	15.227	168	337678	37.215	ng		99
56) 4-Nitrophenol	15.051	139	47952	35.388	ng		100
57) 2,4-Dinitrotoluene	15.192	165	88588	39.952	ng		93
58) Fluorene	15.874	166	272090	37.544	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.457	232	74396	33.779	ng		98
60) Diethylphthalate	15.621	149	289364	37.210	ng		99
61) 4-Chlorophenyl-phenyle...	15.856	204	149755	37.591	ng		99
62) 4-Nitroaniline	15.897	138	69438	38.476	ng		94
63) Azobenzene	16.150	77	246854	36.360	ng		99
65) 4,6-Dinitro-2-methylph...	15.956	198	52635	41.408	ng		95
66) n-Nitrosodiphenylamine	16.073	169	240487	38.333	ng		100
67) 4-Bromophenyl-phenylether	16.749	248	100635	38.799	ng		100
68) Hexachlorobenzene	16.878	284	111898	38.907	ng		99
69) Atrazine	17.008	200	93655	37.746	ng		99
70) Pentachlorophenol	17.231	266	63384	36.027	ng		97
71) Phenanthrene	17.613	178	458372	37.312	ng		99
72) Anthracene	17.707	178	453377	37.984	ng		99
73) Carbazole	17.977	167	396153	36.919	ng		100
74) Di-n-butylphthalate	18.506	149	492279	36.947	ng		99
75) Fluoranthene	19.616	202	536647	35.908	ng		100
77) Benzidine	19.787	184	210756	42.792	ng		99
78) Pyrene	19.975	202	545427	37.850	ng		100
80) Butylbenzylphthalate	20.833	149	214029	37.940	ng		98
81) Benzo(a)anthracene	21.843	228	554661	37.827	ng		100
82) 3,3'-Dichlorobenzidine	21.743	252	198552	38.536	ng		100
83) Chrysene	21.914	228	522977	37.464	ng		98
84) Bis(2-ethylhexyl)phtha...	21.708	149	309078	38.123	ng		99
85) Di-n-octyl phthalate	22.960	149	526924	37.978	ng		99
87) Indeno(1,2,3-cd)pyrene	29.146	276	656405	34.865	ng	#	97
88) Benzo(b)fluoranthene	24.164	252	549337	36.704	ng		99
89) Benzo(k)fluoranthene	24.235	252	539277	36.147	ng		100
90) Benzo(a)pyrene	25.086	252	464482	36.165	ng		100
91) Dibenzo(a,h)anthracene	29.205	278	545407	35.451	ng		98
92) Benzo(g,h,i)perylene	30.374	276	533920	34.433	ng		98

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

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