Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093022\
Data File : BG055039.D
Acq On : 30 Sep 2022 13:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 01 02:11:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 15:43:39 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.344	152	34374	20.000	ng		0.00
21) Naphthalene-d8	11.176	136	133557	20.000	ng		0.00
39) Acenaphthene-d10	14.954	164	93095	20.000	ng		0.00
64) Phenanthrene-d10	17.686	188	225998	20.000	ng		0.00
76) Chrysene-d12	21.987	240	226552	20.000	ng	#	0.00
86) Perylene-d12	25.441	264	243693	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.859	112	149671	83.468	ng		0.00
7) Phenol-d6	7.468	99	201343	84.628	ng		0.00
23) Nitrobenzene-d5	9.519	82	182806	88.316	ng		0.00
42) 2,4,6-Tribromophenol	16.429	330	80693	76.388	ng		0.00
45) 2-Fluorobiphenyl	13.585	172	503533	85.140	ng		0.00
79) Terphenyl-d14	20.265	244	953445	87.758	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.696	88	37806	42.567	ng		96
3) Pyridine	4.114	79	109005	43.189	ng		98
4) n-Nitrosodimethylamine	4.025	42	52148	42.493	ng		89
6) Aniline	7.656	93	132295	42.206	ng		99
8) 2-Chlorophenol	7.903	128	81109	40.508	ng		97
9) Benzaldehyde	7.468	77	67905	45.173	ng		99
10) Phenol	7.498	94	111612	41.363	ng		92
11) bis(2-Chloroethyl)ether	7.750	93	86131	42.530	ng		100
12) 1,3-Dichlorobenzene	8.232	146	104403	42.596	ng		98
13) 1,4-Dichlorobenzene	8.385	146	104682	42.113	ng		99
14) 1,2-Dichlorobenzene	8.708	146	98606	41.979	ng		97
15) Benzyl Alcohol	8.573	79	84032	41.268	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.867	45	140488	41.458	ng		98
17) 2-Methylphenol	8.767	107	78165	41.471	ng		96
18) Hexachloroethane	9.448	117	34152	41.824	ng		95
19) n-Nitroso-di-n-propyla...	9.149	70	77531	41.480	ng		96
20) 3+4-Methylphenols	9.096	107	107781	41.498	ng		95
22) Acetophenone	9.172	105	142687	43.550	ng	#	99
24) Nitrobenzene	9.554	77	99831	44.515	ng		95
25) Isophorone	10.083	82	199158	42.854	ng		98
26) 2-Nitrophenol	10.277	139	32511	34.863	ng		98
27) 2,4-Dimethylphenol	10.318	122	77853	42.854	ng		95
28) bis(2-Chloroethoxy)met...	10.559	93	103292	42.579	ng		98
29) 2,4-Dichlorophenol	10.806	162	85323	42.051	ng		93
30) 1,2,4-Trichlorobenzene	11.035	180	104410	43.837	ng		98
31) Naphthalene	11.229	128	297295	42.677	ng		99
32) Benzoic acid	10.418	122	42076m	34.408	ng		
33) 4-Chloroaniline	11.323	127	122966	43.396	ng		99
34) Hexachlorobutadiene	11.511	225	67880	43.682	ng		98
35) Caprolactam	12.075	113	26940	40.430	ng		95
36) 4-Chloro-3-methylphenol	12.404	107	95247	42.544	ng		94
37) 2-Methylnaphthalene	12.809	142	215191	43.052	ng		96
38) 1-Methylnaphthalene	13.021	142	206515	42.794	ng		99
40) 1,2,4,5-Tetrachloroben...	13.162	216	116699	42.713	ng		99
41) Hexachlorocyclopentadiene	13.144	237	53277	38.507	ng		98
43) 2,4,6-Trichlorophenol	13.391	196	69376	39.861	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.461	196	80810	40.825	ng		99
46) 1,1'-Biphenyl	13.796	154	273109	42.886	ng		98
47) 2-Chloronaphthalene	13.843	162	221102	42.960	ng		98
48) 2-Nitroaniline	14.025	65	53789	37.973	ng		96
49) Acenaphthylene	14.678	152	359586	43.057	ng		99
50) Dimethylphthalate	14.396	163	292097	41.985	ng		99
51) 2,6-Dinitrotoluene	14.513	165	52101	40.250	ng		97
52) Acenaphthene	15.018	154	221360	42.700	ng		98
53) 3-Nitroaniline	14.842	138	62060	41.184	ng	#	97
54) 2,4-Dinitrophenol	15.036	184	23656	40.313	ng	#	9
55) Dibenzofuran	15.347	168	357665	42.687	ng		99
56) 4-Nitrophenol	15.118	139	45176	40.123	ng		94
57) 2,4-Dinitrotoluene	15.289	165	72191	40.829	ng		93
58) Fluorene	15.994	166	286585	42.838	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.559	232	72036	40.394	ng		98
60) Diethylphthalate	15.747	149	305431	42.549	ng		100
61) 4-Chlorophenyl-phenyle...	15.976	204	153917	43.013	ng		99
62) 4-Nitroaniline	16.000	138	68426	46.199	ng		90
63) Azobenzene	16.270	77	284504	42.239	ng		98
65) 4,6-Dinitro-2-methylph...	16.052	198	32317	37.144	ng		89
66) n-Nitrosodiphenylamine	16.188	169	257796	42.374	ng		99
67) 4-Bromophenyl-phenylether	16.869	248	103219	42.399	ng		97
68) Hexachlorobenzene	16.993	284	116958	42.535	ng		97
69) Atrazine	17.122	200	92059	40.828	ng		99
70) Pentachlorophenol	17.327	266	58874	38.026	ng		98
71) Phenanthrene	17.727	178	498682	42.741	ng		98
72) Anthracene	17.821	178	488900	42.480	ng		98
73) Carbazole	18.080	167	454646	42.144	ng		98
74) Di-n-butylphthalate	18.626	149	540723	41.714	ng		99
75) Fluoranthene	19.719	202	629658	42.112	ng		96
77) Benzidine	19.883	184	191604	34.154	ng		98
78) Pyrene	20.077	202	642125	44.298	ng		99
80) Butylbenzylphthalate	20.947	149	214903	41.040	ng		96
81) Benzo(a)anthracene	21.963	228	623576	42.969	ng		98
82) 3,3'-Dichlorobenzidine	21.863	252	204527	43.582	ng		98
83) Chrysene	22.034	228	585960	42.872	ng		98
84) Bis(2-ethylhexyl)phtha...	21.852	149	320196	41.313	ng		98
85) Di-n-octyl phthalate	23.156	149	523621	40.258	ng		98
87) Indeno(1,2,3-cd)pyrene	29.425	276	753815	42.340	ng		99
88) Benzo(b)fluoranthene	24.337	252	625841	43.133	ng	#	98
89) Benzo(k)fluoranthene	24.413	252	628509	43.786	ng	#	98
90) Benzo(a)pyrene	25.277	252	536476	43.748	ng	#	96
91) Dibenzo(a,h)anthracene	29.507	278	615209	41.981	ng		97
92) Benzo(g,h,i)perylene	30.677	276	609562	42.282	ng	#	95

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

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