Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055294.D
Acq On : 26 Oct 2022 11:00
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 27 10:32:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.275	152	38635	20.000	ng		0.00
21) Naphthalene-d8	11.101	136	172634	20.000	ng		0.00
39) Acenaphthene-d10	14.885	164	120229	20.000	ng		0.00
64) Phenanthrene-d10	17.623	188	272730	20.000	ng		0.00
76) Chrysene-d12	21.900	240	238964	20.000	ng		0.00
86) Perylene-d12	25.302	264	255245	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.796	112	174380	79.031	ng		0.00
7) Phenol-d6	7.417	99	248610	77.771	ng		0.00
23) Nitrobenzene-d5	9.450	82	267976	79.264	ng		0.00
42) 2,4,6-Tribromophenol	16.366	330	117249	89.709	ng		0.00
45) 2-Fluorobiphenyl	13.516	172	616437	83.920	ng		0.00
79) Terphenyl-d14	20.191	244	948876	82.501	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.604	88	38152	35.810	ng		99
3) Pyridine	4.027	79	110334	34.390	ng		97
4) n-Nitrosodimethylamine	3.933	42	51333	36.013	ng	#	99
6) Aniline	7.588	93	162422	38.812	ng		99
8) 2-Chlorophenol	7.835	128	103232	40.242	ng		98
9) Benzaldehyde	7.400	77	76418	35.012	ng		97
10) Phenol	7.447	94	139275	38.897	ng		99
11) bis(2-Chloroethyl)ether	7.676	93	108162	40.017	ng		100
12) 1,3-Dichlorobenzene	8.164	146	116084	41.474	ng		96
13) 1,4-Dichlorobenzene	8.310	146	117368	41.054	ng		99
14) 1,2-Dichlorobenzene	8.634	146	113076	41.081	ng		95
15) Benzyl Alcohol	8.510	79	106278	39.729	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.792	45	176261	39.847	ng		100
17) 2-Methylphenol	8.710	107	99521	39.301	ng		97
18) Hexachloroethane	9.368	117	42425	41.675	ng		92
19) n-Nitroso-di-n-propyla...	9.074	70	104743	39.458	ng		99
20) 3+4-Methylphenols	9.039	107	142462	39.279	ng		97
22) Acetophenone	9.104	105	176017	39.881	ng	#	97
24) Nitrobenzene	9.491	77	141209	40.114	ng		97
25) Isophorone	10.014	82	270137	39.559	ng		97
26) 2-Nitrophenol	10.208	139	66066	42.857	ng		94
27) 2,4-Dimethylphenol	10.255	122	96750	40.201	ng		97
28) bis(2-Chloroethoxy)met...	10.484	93	143058	41.493	ng		99
29) 2,4-Dichlorophenol	10.749	162	112695	43.651	ng		97
30) 1,2,4-Trichlorobenzene	10.960	180	117074	44.431	ng		98
31) Naphthalene	11.154	128	375615	40.786	ng		100
32) Benzoic acid	10.402	122	69991	39.317	ng		99
33) 4-Chloroaniline	11.254	127	157598	40.027	ng		100
34) Hexachlorobutadiene	11.430	225	72397	48.088	ng		98
35) Caprolactam	12.035	113	44433	37.082	ng		97
36) 4-Chloro-3-methylphenol	12.359	107	132419	40.762	ng		98
37) 2-Methylnaphthalene	12.741	142	272772	41.081	ng		99
38) 1-Methylnaphthalene	12.952	142	266943	40.751	ng		98
40) 1,2,4,5-Tetrachloroben...	13.099	216	129050	44.503	ng		99
41) Hexachlorocyclopentadiene	13.075	237	61295	45.744	ng		99
43) 2,4,6-Trichlorophenol	13.334	196	96342	44.983	ng		98

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44) 2,4,5-Trichlorophenol	13.410	196	106660	45.025	ng		96
46) 1,1'-Biphenyl	13.728	154	346961	42.076	ng		99
47) 2-Chloronaphthalene	13.775	162	273501	42.061	ng		98
48) 2-Nitroaniline	13.969	65	99999	39.323	ng		96
49) Acenaphthylene	14.615	152	458856	40.878	ng		99
50) Dimethylphthalate	14.333	163	391830	41.509	ng		99
51) 2,6-Dinitrotoluene	14.456	165	81855	42.614	ng		92
52) Acenaphthene	14.950	154	294157m	41.111	ng		
53) 3-Nitroaniline	14.791	138	96696	40.052	ng		95
54) 2,4-Dinitrophenol	14.997	184	43587	40.853	ng		93
55) Dibenzofuran	15.279	168	444372	41.397	ng		99
56) 4-Nitrophenol	15.085	139	70308	40.716	ng		98
57) 2,4-Dinitrotoluene	15.238	165	116992	41.970	ng		92
58) Fluorene	15.925	166	361489	40.472	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.508	232	93622	44.331	ng		94
60) Diethylphthalate	15.678	149	415911	41.420	ng		98
61) 4-Chlorophenyl-phenyle...	15.907	204	178644	43.524	ng		98
62) 4-Nitroaniline	15.943	138	99709	39.301	ng		98
63) Azobenzene	16.201	77	386920	39.553	ng		99
65) 4,6-Dinitro-2-methylph...	16.001	198	69097	46.086	ng		94
66) n-Nitrosodiphenylamine	16.125	169	321509	42.353	ng		99
67) 4-Bromophenyl-phenylether	16.801	248	120284	45.396	ng		98
68) Hexachlorobenzene	16.930	284	133072	44.418	ng		96
69) Atrazine	17.059	200	112608	43.625	ng		99
70) Pentachlorophenol	17.271	266	68633	41.805	ng		99
71) Phenanthrene	17.664	178	591430	40.662	ng		99
72) Anthracene	17.752	178	583631	41.045	ng		99
73) Carbazole	18.017	167	548025	40.071	ng		99
74) Di-n-butylphthalate	18.546	149	708941	41.468	ng		100
75) Fluoranthene	19.650	202	672063	39.654	ng		99
77) Benzidine	19.820	184	235485	40.699	ng		98
78) Pyrene	20.014	202	680093	41.521	ng		99
80) Butylbenzylphthalate	20.866	149	305604	39.483	ng		96
81) Benzo(a)anthracene	21.877	228	635122	39.579	ng		99
82) 3,3'-Dichlorobenzidine	21.783	252	217121	41.544	ng		100
83) Chrysene	21.953	228	608647	39.930	ng		99
84) Bis(2-ethylhexyl)phtha...	21.748	149	439679	39.765	ng		97
85) Di-n-octyl phthalate	23.011	149	738041	40.067	ng		99
87) Indeno(1,2,3-cd)pyrene	29.215	276	780320	41.392	ng	#	94
88) Benzo(b)fluoranthene	24.215	252	633604	41.268	ng		99
89) Benzo(k)fluoranthene	24.286	252	626543	40.413	ng		99
90) Benzo(a)pyrene	25.144	252	540978	41.088	ng		98
91) Dibenzo(a,h)anthracene	29.280	278	644669	41.670	ng		98
92) Benzo(g,h,i)perylene	30.449	276	632766	41.236	ng		99

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

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