Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120922\
Data File : BG055941.D
Acq On : 9 Dec 2022 12:24
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 10 05:43:30 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 09 07:57:14 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.135	152	28003	20.000	ng		0.00
21) Naphthalene-d8	10.961	136	111271	20.000	ng		-0.01
39) Acenaphthene-d10	14.774	164	79294	20.000	ng		0.00
64) Phenanthrene-d10	17.518	188	192213	20.000	ng		0.00
76) Chrysene-d12	21.795	240	174124	20.000	ng		0.00
86) Perylene-d12	25.133	264	201452	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.661	112	121800	78.619	ng		-0.01
7) Phenol-d6	7.295	99	163091	79.082	ng		0.00
23) Nitrobenzene-d5	9.310	82	179236	85.139	ng		-0.01
42) 2,4,6-Tribromophenol	16.267	330	84891	76.029	ng		0.00
45) 2-Fluorobiphenyl	13.393	172	446895	84.433	ng		-0.01
79) Terphenyl-d14	20.109	244	748993	86.035	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	24585	37.133	ng		96
3) Pyridine	3.881	79	79526	39.154	ng		96
4) n-Nitrosodimethylamine	3.793	42	46015	42.791	ng		98
6) Aniline	7.447	93	101923	39.347	ng		99
8) 2-Chlorophenol	7.694	128	70265	39.674	ng		97
9) Benzaldehyde	7.259	77	52091m	37.193	ng		
10) Phenol	7.318	94	92196	39.927	ng		97
11) bis(2-Chloroethyl)ether	7.541	93	69691	39.382	ng		98
12) 1,3-Dichlorobenzene	8.023	146	81122	38.958	ng		99
13) 1,4-Dichlorobenzene	8.170	146	82475	39.197	ng		99
14) 1,2-Dichlorobenzene	8.493	146	79268	39.313	ng		99
15) Benzyl Alcohol	8.376	79	69818	41.656	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.658	45	133465	41.662	ng		97
17) 2-Methylphenol	8.587	107	64919	39.599	ng		95
18) Hexachloroethane	9.222	117	29115	40.202	ng		98
19) n-Nitroso-di-n-propyla...	8.940	70	64143	40.480	ng		97
20) 3+4-Methylphenols	8.916	107	92941	40.583	ng		97
22) Acetophenone	8.963	105	119517	41.336	ng	#	95
24) Nitrobenzene	9.357	77	91205	41.476	ng		99
25) Isophorone	9.874	82	166671	41.784	ng		98
26) 2-Nitrophenol	10.074	139	44653	43.988	ng		93
27) 2,4-Dimethylphenol	10.127	122	64365m	41.661	ng		
28) bis(2-Chloroethoxy)met...	10.350	93	89118	41.617	ng		100
29) 2,4-Dichlorophenol	10.614	162	77270	41.786	ng		98
30) 1,2,4-Trichlorobenzene	10.826	180	89383	41.606	ng		100
31) Naphthalene	11.014	128	245488	40.812	ng		99
32) Benzoic acid	10.321	122	18216	14.331	ng		95
33) 4-Chloroaniline	11.120	127	101623	40.955	ng		98
34) Hexachlorobutadiene	11.284	225	62423	42.553	ng		97
35) Caprolactam	11.907	113	25838	40.377	ng		96
36) 4-Chloro-3-methylphenol	12.248	107	84384	41.519	ng		97
37) 2-Methylnaphthalene	12.612	142	184829	41.038	ng		99
38) 1-Methylnaphthalene	12.829	142	178654	40.861	ng		98
40) 1,2,4,5-Tetrachloroben...	12.976	216	107557	43.164	ng		99
41) Hexachlorocyclopentadiene	12.947	237	38514	30.666	ng		98
43) 2,4,6-Trichlorophenol	13.217	196	63980	37.640	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.305	196	69767	37.350	ng		98
46) 1,1'-Biphenyl	13.605	154	241787	41.844	ng		99
47) 2-Chloronaphthalene	13.658	162	187742	41.802	ng		98
48) 2-Nitroaniline	13.863	65	66463	45.010	ng		99
49) Acenaphthylene	14.498	152	308157	41.666	ng		100
50) Dimethylphthalate	14.222	163	268728	42.514	ng		98
51) 2,6-Dinitrotoluene	14.351	165	56392	43.632	ng		97
52) Acenaphthene	14.839	154	197962m	40.955	ng		
53) 3-Nitroaniline	14.686	138	59772	42.129	ng		96
54) 2,4-Dinitrophenol	14.909	184	23696	31.888	ng		98
55) Dibenzofuran	15.174	168	310409	41.628	ng		99
56) 4-Nitrophenol	15.009	139	37459	33.639	ng		95
57) 2,4-Dinitrotoluene	15.144	165	80990	44.446	ng		94
58) Fluorene	15.820	166	249933	41.965	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.403	232	56154	31.025	ng		99
60) Diethylphthalate	15.573	149	272046	42.569	ng		99
61) 4-Chlorophenyl-phenyle...	15.802	204	137043	41.860	ng		98
62) 4-Nitroaniline	15.843	138	62934	42.434	ng		93
63) Azobenzene	16.096	77	234120	41.962	ng		99
65) 4,6-Dinitro-2-methylph...	15.914	198	44988	41.916	ng		97
66) n-Nitrosodiphenylamine	16.020	169	219531	41.443	ng		99
67) 4-Bromophenyl-phenylether	16.695	248	92500	42.236	ng		99
68) Hexachlorobenzene	16.825	284	101799	41.920	ng		98
69) Atrazine	16.960	200	82910	39.575	ng		98
70) Pentachlorophenol	17.183	266	42146m	28.371	ng		
71) Phenanthrene	17.559	178	417445	40.245	ng		99
72) Anthracene	17.653	178	410260	40.708	ng		100
73) Carbazole	17.923	167	366724	40.476	ng		100
74) Di-n-butylphthalate	18.452	149	464117	41.254	ng		99
75) Fluoranthene	19.563	202	502278	39.803	ng		100
77) Benzidine	19.733	184	159388	39.567	ng		99
78) Pyrene	19.927	202	511299	43.381	ng		99
80) Butylbenzylphthalate	20.785	149	204073	44.229	ng		99
81) Benzo(a)anthracene	21.778	228	520484	43.399	ng		99
82) 3,3'-Dichlorobenzidine	21.684	252	183928	43.646	ng		100
83) Chrysene	21.848	228	495857	43.431	ng		97
84) Bis(2-ethylhexyl)phtha...	21.643	149	298212	44.972	ng		99
85) Di-n-octyl phthalate	22.882	149	502210	44.256	ng		99
87) Indeno(1,2,3-cd)pyrene	28.987	276	633844	38.407	ng	#	95
88) Benzo(b)fluoranthene	24.069	252	520085	39.642	ng		99
89) Benzo(k)fluoranthene	24.134	252	528848	40.439	ng		99
90) Benzo(a)pyrene	24.974	252	447976	39.791	ng		100
91) Dibenzo(a,h)anthracene	29.028	278	525719	38.982	ng		97
92) Benzo(g,h,i)perylene	30.180	276	522726	38.457	ng		98

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

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