Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
Data File : BG055717.D
Acq On : 21 Nov 2022 16:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 22 02:04:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.246	152	36164	20.000	ng		0.00
21) Naphthalene-d8	11.078	136	154979	20.000	ng		0.00
39) Acenaphthene-d10	14.874	164	114007	20.000	ng		0.00
64) Phenanthrene-d10	17.612	188	265713	20.000	ng		0.00
76) Chrysene-d12	21.913	240	242392	20.000	ng		0.00
86) Perylene-d12	25.320	264	259075	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.779	112	151051	75.497	ng		0.00
7) Phenol-d6	7.394	99	202824	76.154	ng		0.00
23) Nitrobenzene-d5	9.421	82	219746	74.943	ng		0.00
42) 2,4,6-Tribromophenol	16.354	330	119418	74.387	ng		0.00
45) 2-Fluorobiphenyl	13.493	172	558889	73.442	ng		0.00
79) Terphenyl-d14	20.197	244	911559	75.218	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.616	88	35514	41.535	ng		96
3) Pyridine	4.028	79	98455	37.535	ng		97
4) n-Nitrosodimethylamine	3.940	42	53498	38.523	ng		100
6) Aniline	7.565	93	126900	37.935	ng		97
8) 2-Chlorophenol	7.812	128	87077	38.071	ng		99
9) Benzaldehyde	7.377	77	66303	36.657	ng		97
10) Phenol	7.424	94	113413	38.031	ng		99
11) bis(2-Chloroethyl)ether	7.653	93	86659	37.919	ng		97
12) 1,3-Dichlorobenzene	8.135	146	100819	37.491	ng		98
13) 1,4-Dichlorobenzene	8.287	146	101791	37.460	ng		98
14) 1,2-Dichlorobenzene	8.611	146	97777	37.550	ng		96
15) Benzyl Alcohol	8.481	79	87647	40.493	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.769	45	158465	38.303	ng		98
17) 2-Methylphenol	8.687	107	83336	39.362	ng		98
18) Hexachloroethane	9.345	117	35320	37.764	ng		96
19) n-Nitroso-di-n-propyla...	9.051	70	80239	39.211	ng		98
20) 3+4-Methylphenols	9.016	107	117764	39.818	ng		98
22) Acetophenone	9.075	105	148662	36.915	ng	#	98
24) Nitrobenzene	9.463	77	113854	37.174	ng		99
25) Isophorone	9.985	82	211175	38.011	ng		99
26) 2-Nitrophenol	10.179	139	55863	39.511	ng		92
27) 2,4-Dimethylphenol	10.226	122	81220m	37.745	ng		
28) bis(2-Chloroethoxy)met...	10.461	93	110833	37.160	ng		100
29) 2,4-Dichlorophenol	10.720	162	98825	38.370	ng		97
30) 1,2,4-Trichlorobenzene	10.937	180	110170	36.819	ng		96
31) Naphthalene	11.131	128	306375	36.569	ng		99
32) Benzoic acid	10.367	122	61577	34.782	ng		96
33) 4-Chloroaniline	11.231	127	130144	37.657	ng		98
34) Hexachlorobutadiene	11.407	225	77118	37.744	ng		95
35) Caprolactam	12.001	113	32696	36.684	ng		96
36) 4-Chloro-3-methylphenol	12.330	107	107930	38.127	ng		97
37) 2-Methylnaphthalene	12.718	142	232904	37.128	ng		99
38) 1-Methylnaphthalene	12.935	142	230201	37.802	ng		99
40) 1,2,4,5-Tetrachloroben...	13.076	216	134102	37.430	ng		99
41) Hexachlorocyclopentadiene	13.052	237	78493	43.469	ng		100
43) 2,4,6-Trichlorophenol	13.311	196	92497	37.848	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.387	196	101824	37.914	ng	97
46) 1,1'-Biphenyl	13.711	154	305686	36.795	ng	99
47) 2-Chloronaphthalene	13.758	162	238144	36.879	ng	98
48) 2-Nitroaniline	13.951	65	80793	38.055	ng	95
49) Acenaphthylene	14.598	152	392402	36.902	ng	99
50) Dimethylphthalate	14.316	163	332470	36.583	ng	98
51) 2,6-Dinitrotoluene	14.439	165	69953	37.645	ng	97
52) Acenaphthene	14.938	154	256906m	36.966	ng	
53) 3-Nitroaniline	14.768	138	76492	37.498	ng	95
54) 2,4-Dinitrophenol	14.974	184	41735	39.062	ng	96
55) Dibenzofuran	15.268	168	391443	36.511	ng	100
56) 4-Nitrophenol	15.068	139	60135	37.560	ng	95
57) 2,4-Dinitrotoluene	15.220	165	100658	38.420	ng	97
58) Fluorene	15.914	166	314217	36.695	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.491	232	96945	37.253	ng	99
60) Diethylphthalate	15.667	149	330738	35.995	ng	99
61) 4-Chlorophenyl-phenyle...	15.896	204	175147	37.210	ng	99
62) 4-Nitroaniline	15.931	138	78248	36.695	ng	98
63) Azobenzene	16.190	77	291060	36.283	ng	99
65) 4,6-Dinitro-2-methylph...	15.984	198	61717	41.596	ng	97
66) n-Nitrosodiphenylamine	16.108	169	275560	37.630	ng	99
67) 4-Bromophenyl-phenylether	16.789	248	115329	38.094	ng	98
68) Hexachlorobenzene	16.919	284	125386	37.351	ng	97
69) Atrazine	17.048	200	107752	37.205	ng	98
70) Pentachlorophenol	17.259	266	75846	36.934	ng	99
71) Phenanthrene	17.653	178	530984	37.031	ng	99
72) Anthracene	17.747	178	514642	36.939	ng	100
73) Carbazole	18.011	167	450224	35.947	ng	100
74) Di-n-butylphthalate	18.546	149	566356	36.417	ng	100
75) Fluoranthene	19.651	202	603691	34.607	ng	99
77) Benzidine	19.821	184	195234	34.816	ng	98
78) Pyrene	20.015	202	616552	37.578	ng	99
80) Butylbenzylphthalate	20.879	149	238339	37.107	ng	98
81) Benzo(a)anthracene	21.889	228	609000	36.478	ng	100
82) 3,3'-Dichlorobenzidine	21.795	252	212975	36.305	ng	99
83) Chrysene	21.960	228	578284	36.385	ng	99
84) Bis(2-ethylhexyl)phtha...	21.760	149	338724	36.695	ng	99
85) Di-n-octyl phthalate	23.035	149	582303	36.862	ng	99
87) Indeno(1,2,3-cd)pyrene	29.251	276	726069	34.210	ng	99
88) Benzo(b)fluoranthene	24.228	252	595951	35.321	ng	100
89) Benzo(k)fluoranthene	24.304	252	610624	36.307	ng	99
90) Benzo(a)pyrene	25.162	252	515028	35.572	ng	99
91) Dibenzo(a,h)anthracene	29.316	278	603592	34.802	ng	99
92) Benzo(g,h,i)perylene	30.485	276	591849	33.858	ng	99

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

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