Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055741.D
Acq On : 22 Nov 2022 15:44
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 04:13:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 01:35:20 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.244	152	42605	20.000	ng		0.00
21) Naphthalene-d8	11.076	136	183421	20.000	ng		0.00
39) Acenaphthene-d10	14.872	164	134085	20.000	ng		0.00
64) Phenanthrene-d10	17.610	188	306950	20.000	ng		0.00
76) Chrysene-d12	21.911	240	268431	20.000	ng		0.00
86) Perylene-d12	25.318	264	285385	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.777	112	180924	76.757	ng		0.00
7) Phenol-d6	7.392	99	249084	79.385	ng		0.00
23) Nitrobenzene-d5	9.419	82	270369	77.910	ng		0.00
42) 2,4,6-Tribromophenol	16.358	330	142540	75.494	ng		0.01
45) 2-Fluorobiphenyl	13.497	172	675511	75.475	ng		0.00
79) Terphenyl-d14	20.195	244	1030719	76.801	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.603	88	40925	40.628	ng		98
3) Pyridine	4.020	79	118360	38.302	ng		98
4) n-Nitrosodimethylamine	3.932	42	62919	38.458	ng		98
6) Aniline	7.563	93	157189	39.885	ng		98
8) 2-Chlorophenol	7.810	128	106732	39.610	ng		98
9) Benzaldehyde	7.375	77	78598	36.885	ng		98
10) Phenol	7.416	94	139867	39.812	ng		100
11) bis(2-Chloroethyl)ether	7.651	93	106672	39.620	ng		100
12) 1,3-Dichlorobenzene	8.133	146	122553	38.684	ng		98
13) 1,4-Dichlorobenzene	8.285	146	123457	38.564	ng		98
14) 1,2-Dichlorobenzene	8.609	146	118423	38.603	ng		97
15) Benzyl Alcohol	8.479	79	107299	42.078	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.767	45	195168	40.043	ng		98
17) 2-Methylphenol	8.685	107	102227	40.985	ng		97
18) Hexachloroethane	9.343	117	44324	40.227	ng		99
19) n-Nitroso-di-n-propyla...	9.049	70	98267	40.761	ng		99
20) 3+4-Methylphenols	9.014	107	145326	41.709	ng		98
22) Acetophenone	9.073	105	181044	37.985	ng	#	98
24) Nitrobenzene	9.466	77	139680	38.535	ng		99
25) Isophorone	9.983	82	261635	39.791	ng		99
26) 2-Nitrophenol	10.177	139	69300	41.414	ng		96
27) 2,4-Dimethylphenol	10.230	122	101454m	39.837	ng		
28) bis(2-Chloroethoxy)met...	10.459	93	139019	39.383	ng		99
29) 2,4-Dichlorophenol	10.718	162	120930	39.672	ng		99
30) 1,2,4-Trichlorobenzene	10.935	180	132950	37.542	ng		99
31) Naphthalene	11.129	128	378136	38.136	ng		99
32) Benzoic acid	10.371	122	76808	36.658	ng		97
33) 4-Chloroaniline	11.229	127	161827	39.564	ng		97
34) Hexachlorobutadiene	11.399	225	90365	37.369	ng		97
35) Caprolactam	11.999	113	40491	38.386	ng		98
36) 4-Chloro-3-methylphenol	12.334	107	135736	40.515	ng		96
37) 2-Methylnaphthalene	12.716	142	289911	39.050	ng		99
38) 1-Methylnaphthalene	12.933	142	281778	39.096	ng		99
40) 1,2,4,5-Tetrachloroben...	13.080	216	160788	38.159	ng		100
41) Hexachlorocyclopentadiene	13.050	237	93392	43.976	ng		95
43) 2,4,6-Trichlorophenol	13.309	196	113672	39.547	ng		100

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44) 2,4,5-Trichlorophenol	13.385	196	124116	39.294	ng		99
46) 1,1'-Biphenyl	13.709	154	373334	38.208	ng		98
47) 2-Chloronaphthalene	13.756	162	293141	38.598	ng		98
48) 2-Nitroaniline	13.955	65	101018	40.457	ng		95
49) Acenaphthylene	14.596	152	482035	38.544	ng		100
50) Dimethylphthalate	14.314	163	407017	38.079	ng		98
51) 2,6-Dinitrotoluene	14.437	165	86676	39.659	ng		98
52) Acenaphthene	14.936	154	322947m	39.511	ng		
53) 3-Nitroaniline	14.772	138	94229	39.276	ng		96
54) 2,4-Dinitrophenol	14.978	184	57824	46.017	ng		98
55) Dibenzofuran	15.266	168	480687	38.121	ng		99
56) 4-Nitrophenol	15.072	139	76737	40.753	ng		100
57) 2,4-Dinitrotoluene	15.224	165	124076	40.267	ng		97
58) Fluorene	15.912	166	383399	38.070	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.489	232	114695	37.474	ng		97
60) Diethylphthalate	15.665	149	411132	38.044	ng		99
61) 4-Chlorophenyl-phenyle...	15.894	204	209397	37.825	ng		96
62) 4-Nitroaniline	15.929	138	95486	38.074	ng		97
63) Azobenzene	16.188	77	366000	38.793	ng		99
65) 4,6-Dinitro-2-methylph...	15.988	198	75696	44.164	ng		96
66) n-Nitrosodiphenylamine	16.112	169	339209	40.099	ng		98
67) 4-Bromophenyl-phenylether	16.793	248	139412	39.862	ng		97
68) Hexachlorobenzene	16.917	284	150210	38.734	ng		99
69) Atrazine	17.046	200	127987	38.255	ng		99
70) Pentachlorophenol	17.257	266	90084	37.974	ng		98
71) Phenanthrene	17.657	178	628303	37.931	ng		100
72) Anthracene	17.745	178	616788	38.324	ng		100
73) Carbazole	18.009	167	546030	37.739	ng		100
74) Di-n-butylphthalate	18.544	149	672343	37.424	ng		100
75) Fluoranthene	19.649	202	707548	35.111	ng		99
77) Benzidine	19.819	184	214371	34.520	ng		99
78) Pyrene	20.013	202	713050	39.244	ng		99
80) Butylbenzylphthalate	20.877	149	279153	39.246	ng		99
81) Benzo(a)anthracene	21.887	228	703096	38.029	ng		100
82) 3,3'-Dichlorobenzidine	21.793	252	244174	37.585	ng		99
83) Chrysene	21.964	228	667995	37.952	ng		98
84) Bis(2-ethylhexyl)phtha...	21.764	149	394597	38.601	ng		99
85) Di-n-octyl phthalate	23.033	149	682842	39.033	ng		99
87) Indeno(1,2,3-cd)pyrene	29.249	276	842442	36.033	ng	#	94
88) Benzo(b)fluoranthene	24.231	252	699071	37.613	ng		99
89) Benzo(k)fluoranthene	24.302	252	687759	37.123	ng		99
90) Benzo(a)pyrene	25.160	252	594832	37.296	ng		99
91) Dibenzo(a,h)anthracene	29.314	278	695447	36.401	ng		99
92) Benzo(g,h,i)perylene	30.489	276	683835	35.513	ng		99

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

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