Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071922\
Data File : BG054315.D
Acq On : 19 Jul 2022 9:24
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 19 11:41:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.996	152	18067	20.000	ng		0.00
21) Naphthalene-d8	10.810	136	63927	20.000	ng	#	0.00
39) Acenaphthene-d10	14.635	164	51075	20.000	ng		0.00
64) Phenanthrene-d10	17.379	188	139531	20.000	ng	#	0.00
76) Chrysene-d12	21.645	240	173733	20.000	ng	#	0.00
86) Perylene-d12	24.847	264	189830	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	70856	81.884	ng		0.00
7) Phenol-d6	7.167	99	96593	81.464	ng		0.00
23) Nitrobenzene-d5	9.159	82	96288	82.024	ng		0.00
42) 2,4,6-Tribromophenol	16.122	330	91239	85.080	ng		0.00
45) 2-Fluorobiphenyl	13.260	172	298868	82.547	ng		0.00
79) Terphenyl-d14	19.988	244	714358	81.570	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.431	88	14027m	40.746	ng		
3) Pyridine	3.830	79	38315	43.873	ng		91
4) n-Nitrosodimethylamine	3.748	42	21637	44.309	ng	#	76
6) Aniline	7.320	93	55026	40.204	ng		99
8) 2-Chlorophenol	7.561	128	39512	39.733	ng		94
9) Benzaldehyde	7.132	77	26226m	44.067	ng		
10) Phenol	7.191	94	48469	41.143	ng		94
11) bis(2-Chloroethyl)ether	7.414	93	34290	39.921	ng		91
12) 1,3-Dichlorobenzene	7.890	146	49622	40.955	ng		93
13) 1,4-Dichlorobenzene	8.031	146	51194	40.915	ng		98
14) 1,2-Dichlorobenzene	8.354	146	47695	40.422	ng		96
15) Benzyl Alcohol	8.237	79	38898	39.887	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.525	45	41195	38.081	ng		90
17) 2-Methylphenol	8.448	107	34429	40.547	ng		95
18) Hexachloroethane	9.083	117	17405	42.010	ng	#	66
19) n-Nitroso-di-n-propyla...	8.807	70	30811	38.913	ng	#	93
20) 3+4-Methylphenols	8.771	107	47292	39.529	ng		99
22) Acetophenone	8.824	105	63469	41.280	ng	#	98
24) Nitrobenzene	9.206	77	47208	41.149	ng	#	85
25) Isophorone	9.723	82	82539	40.429	ng	#	93
26) 2-Nitrophenol	9.917	139	24334	42.080	ng	#	87
27) 2,4-Dimethylphenol	9.976	122	32650	40.871	ng		93
28) bis(2-Chloroethoxy)met...	10.205	93	41944	40.734	ng		92
29) 2,4-Dichlorophenol	10.458	162	50573	41.942	ng		89
30) 1,2,4-Trichlorobenzene	10.675	180	63398	42.453	ng		95
31) Naphthalene	10.857	128	132659	41.340	ng		99
32) Benzoic acid	10.152	122	9251m	32.183	ng		
33) 4-Chloroaniline	10.963	127	54791	41.986	ng	#	92
34) Hexachlorobutadiene	11.145	225	57109	43.272	ng		97
35) Caprolactam	11.733	113	12606	41.520	ng	#	80
36) 4-Chloro-3-methylphenol	12.097	107	44655	40.708	ng	#	85
37) 2-Methylnaphthalene	12.467	142	102071	41.420	ng		97
38) 1-Methylnaphthalene	12.679	142	98678	41.094	ng		98
40) 1,2,4,5-Tetrachloroben...	12.837	216	95175	42.533	ng	#	95
41) Hexachlorocyclopentadiene	12.814	237	25567	39.942	ng		94
43) 2,4,6-Trichlorophenol	13.072	196	51481	42.253	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.149	196	56749	41.222	ng	#	92
46) 1,1'-Biphenyl	13.466	154	144207	41.270	ng		95
47) 2-Chloronaphthalene	13.513	162	120779	41.303	ng		94
48) 2-Nitroaniline	13.713	65	32093	42.053	ng	#	83
49) Acenaphthylene	14.359	152	180332	41.502	ng		99
50) Dimethylphthalate	14.089	163	165772	41.552	ng		99
51) 2,6-Dinitrotoluene	14.206	165	36835	42.095	ng	#	75
52) Acenaphthene	14.700	154	107392	40.815	ng		96
53) 3-Nitroaniline	14.535	138	31594	43.171	ng		82
54) 2,4-Dinitrophenol	14.753	184	16601	36.588	ng	#	80
55) Dibenzofuran	15.035	168	193094	41.245	ng		96
56) 4-Nitrophenol	14.858	139	20974	42.956	ng		95
57) 2,4-Dinitrotoluene	14.999	165	53662	42.778	ng	#	82
58) Fluorene	15.681	166	160495	41.696	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.264	232	55605	41.488	ng	#	87
60) Diethylphthalate	15.446	149	160318	41.890	ng		96
61) 4-Chlorophenyl-phenyle...	15.669	204	107421	42.515	ng	#	86
62) 4-Nitroaniline	15.699	138	33058	42.996	ng		90
63) Azobenzene	15.963	77	115841	41.891	ng		85
65) 4,6-Dinitro-2-methylph...	15.763	198	36005	41.768	ng		78
66) n-Nitrosodiphenylamine	15.887	169	142604	40.935	ng		96
67) 4-Bromophenyl-phenylether	16.562	248	81165	41.418	ng	#	91
68) Hexachlorobenzene	16.692	284	94551	42.191	ng	#	89
69) Atrazine	16.827	200	65279	42.110	ng		95
70) Pentachlorophenol	17.038	266	33276	36.397	ng		97
71) Phenanthrene	17.420	178	286683	41.258	ng		98
72) Anthracene	17.514	178	281760	41.321	ng		97
73) Carbazole	17.778	167	234949	41.852	ng		98
74) Di-n-butylphthalate	18.337	149	277320	41.861	ng		97
75) Fluoranthene	19.429	202	402027	42.444	ng		95
77) Benzidine	19.606	184	134592	42.776	ng		98
78) Pyrene	19.794	202	404850	40.612	ng		99
80) Butylbenzylphthalate	20.675	149	125342	40.348	ng	#	83
81) Benzo(a)anthracene	21.627	228	452303	41.012	ng		99
82) 3,3'-Dichlorobenzidine	21.539	252	145788	42.505	ng	#	97
83) Chrysene	21.692	228	425687	40.855	ng		98
84) Bis(2-ethylhexyl)phtha...	21.527	149	177552	40.391	ng	#	91
85) Di-n-octyl phthalate	22.726	149	304678	40.628	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.519	276	591386	40.951	ng	#	98
88) Benzo(b)fluoranthene	23.830	252	470667	41.925	ng	#	98
89) Benzo(k)fluoranthene	23.901	252	454556	40.685	ng	#	97
90) Benzo(a)pyrene	24.694	252	392650	40.955	ng	#	99
91) Dibenzo(a,h)anthracene	28.572	278	486565	40.975	ng	#	96
92) Benzo(g,h,i)perylene	29.659	276	480970	41.038	ng	#	92

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

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