Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061322\
Data File : BG053894.D
Acq On : 13 Jun 2022 14:51
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 13 15:30:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:28:25 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.090	152	25481	20.000	ng	#	0.00
21) Naphthalene-d8	10.898	136	91308	20.000	ng		0.00
39) Acenaphthene-d10	14.711	164	67561	20.000	ng		0.00
64) Phenanthrene-d10	17.455	188	169880	20.000	ng		0.00
76) Chrysene-d12	21.732	240	183604	20.000	ng		0.00
86) Perylene-d12	24.999	264	199091	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.651	112	197427	142.281	ng		0.00
7) Phenol-d6	7.244	99	267921	142.539	ng		0.00
23) Nitrobenzene-d5	9.253	82	259248	186.450	ng		0.00
42) 2,4,6-Tribromophenol	16.198	330	176843	215.637	ng		0.00
45) 2-Fluorobiphenyl	13.336	172	683234	151.289	ng		0.00
79) Terphenyl-d14	20.064	244	1310233	141.968	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.548	88	41509	61.866	ng		98
3) Pyridine	3.947	79	120277m	73.957	ng		
4) n-Nitrosodimethylamine	3.859	42	54404	74.089	ng	#	97
6) Aniline	7.414	93	157033	68.643	ng		99
8) 2-Chlorophenol	7.655	128	105844	74.516	ng		94
10) Phenol	7.273	94	135860	69.951	ng		93
11) bis(2-Chloroethyl)ether	7.502	93	101342	66.338	ng		96
12) 1,3-Dichlorobenzene	7.978	146	126938	70.226	ng		92
13) 1,4-Dichlorobenzene	8.125	146	129046	70.201	ng		97
14) 1,2-Dichlorobenzene	8.448	146	120371	68.352	ng		99
15) Benzyl Alcohol	8.325	79	103474	73.546	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.618	45	150013	55.970	ng		98
17) 2-Methylphenol	8.524	107	92508	69.679	ng		91
18) Hexachloroethane	9.177	117	44038	72.405	ng	#	82
19) n-Nitroso-di-n-propyla...	8.900	70	88689	66.620	ng		95
20) 3+4-Methylphenols	8.853	107	133159	73.823	ng		95
22) Acetophenone	8.912	105	171159	75.913	ng	#	95
24) Nitrobenzene	9.294	77	127401	91.473	ng	#	86
25) Isophorone	9.817	82	236691	75.948	ng	#	95
26) 2-Nitrophenol	10.005	139	61350	141.841	ng	#	81
27) 2,4-Dimethylphenol	10.058	122	88542	79.030	ng		93
28) bis(2-Chloroethoxy)met...	10.293	93	124946	73.779	ng		98
29) 2,4-Dichlorophenol	10.540	162	124351	92.413	ng		92
30) 1,2,4-Trichlorobenzene	10.763	180	148276	87.062	ng	#	96
31) Naphthalene	10.951	128	351832	75.288	ng		99
32) Benzoic acid	10.240	122	45765	72.811	ng	#	85
33) 4-Chloroaniline	11.051	127	150817	77.844	ng		92
34) Hexachlorobutadiene	11.239	225	114161	94.615	ng		99
35) Caprolactam	11.844	113	35369	91.967	ng	#	81
36) 4-Chloro-3-methylphenol	12.167	107	116898	81.625	ng		85
37) 2-Methylnaphthalene	12.549	142	261048	77.003	ng		97
38) 1-Methylnaphthalene	12.766	142	250007	75.412	ng		99
40) 1,2,4,5-Tetrachloroben...	12.913	216	200798	88.508	ng	#	96
41) Hexachlorocyclopentadiene	12.896	237	106014	91.929	ng		98
43) 2,4,6-Trichlorophenol	13.148	196	119426	97.063	ng		96
44) 2,4,5-Trichlorophenol	13.219	196	134831	98.490	ng	#	91

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.548	154	354069	73.534	ng		99
47)	2-Chloronaphthalene	13.595	162	288058	76.898	ng		96
48)	2-Nitroaniline	13.783	65	84360	104.012	ng		90
49)	Acenaphthylene	14.435	152	448051	74.557	ng		100
50)	Dimethylphthalate	14.165	163	387709	78.306	ng		99
51)	2,6-Dinitrotoluene	14.276	165	85932	111.135	ng	#	76
52)	Acenaphthene	14.776	154	294467	77.126	ng		99
53)	3-Nitroaniline	14.611	138	81373	97.815	ng		90
54)	2,4-Dinitrophenol	14.811	184	45773	117.266	ng	#	74
55)	Dibenzofuran	15.111	168	454172	74.620	ng		94
56)	4-Nitrophenol	14.911	139	61664	88.685	ng	#	83
57)	2,4-Dinitrotoluene	15.064	165	122754	117.746	ng	#	85
58)	Fluorene	15.757	166	370119	73.444	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.334	232	131278	96.653	ng	#	91
60)	Diethylphthalate	15.522	149	372244	74.235	ng		96
61)	4-Chlorophenyl-phenyle...	15.745	204	221278	81.447	ng		92
62)	4-Nitroaniline	15.775	138	82717	88.302	ng	#	77
63)	Azobenzene	16.039	77	304001	64.791	ng		90
65)	4,6-Dinitro-2-methylph...	15.833	198	74453	124.532	ng		81
66)	n-Nitrosodiphenylamine	15.957	169	335157	74.192	ng		96
67)	4-Bromophenyl-phenylether	16.638	248	165176	89.488	ng		94
68)	Hexachlorobenzene	16.768	284	184088	89.475	ng	#	92
69)	Atrazine	16.903	200	136887	77.394	ng		96
70)	Pentachlorophenol	17.103	266	100109	86.925	ng		96
71)	Phenanthrene	17.496	178	643996	72.021	ng		97
72)	Anthracene	17.590	178	635280	72.593	ng		100
73)	Carbazole	17.855	167	543936	68.858	ng		98
74)	Di-n-butylphthalate	18.413	149	646230	71.142	ng	#	98
75)	Fluoranthene	19.506	202	836800	72.151	ng		96
77)	Benzidine	19.676	184	261745	58.300	ng		99
78)	Pyrene	19.864	202	836408	71.633	ng		97
80)	Butylbenzylphthalate	20.745	149	292940	76.926	ng		89
81)	Benzo(a)anthracene	21.715	228	897791	73.654	ng		98
82)	3,3'-Dichlorobenzidine	21.621	252	269873	78.552	ng		96
83)	Chrysene	21.779	228	847209	73.634	ng		96
84)	Bis(2-ethylhexyl)phtha...	21.621	149	406682	74.267	ng	#	93
85)	Di-n-octyl phthalate	22.849	149	716957	78.729	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	28.742	276	1174951	80.067	ng	#	98
88)	Benzo(b)fluoranthene	23.965	252	942339	76.240	ng		98
89)	Benzo(k)fluoranthene	24.036	252	893065	73.098	ng		98
90)	Benzo(a)pyrene	24.846	252	793808	75.939	ng		99
91)	Dibenzo(a,h)anthracene	28.806	278	961087	79.255	ng		99
92)	Benzo(g,h,i)perylene	29.923	276	958985	80.230	ng		96

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

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