Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031522\
Data File : BG052666.D
Acq On : 15 Mar 2022 14:56
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 15 17:29:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 15:56:10 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ICVBG031522

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.154	152	40770	20.000	ng		0.00
21) Naphthalene-d8	10.974	136	165873	20.000	ng		0.00
39) Acenaphthene-d10	14.781	164	122795	20.000	ng		0.00
64) Phenanthrene-d10	17.518	188	292468	20.000	ng		0.00
76) Chrysene-d12	21.812	240	281426	20.000	ng		0.00
86) Perylene-d12	25.137	264	291778	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.705	112	185746	79.342	ng		0.00
7) Phenol-d6	7.297	99	278743	78.977	ng		0.00
23) Nitrobenzene-d5	9.317	82	272294	82.391	ng		0.00
42) 2,4,6-Tribromophenol	16.261	330	134113	81.279	ng		0.00
45) 2-Fluorobiphenyl	13.406	172	643244	77.258	ng		0.00
79) Terphenyl-d14	20.126	244	1228257	77.636	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.596	88	45119	38.528	ng		94
3) Pyridine	4.001	79	124169	41.363	ng		90
4) n-Nitrosodimethylamine	3.907	42	51728	38.843	ng		95
6) Aniline	7.473	93	165122	39.900	ng		99
8) 2-Chlorophenol	7.720	128	96574	39.260	ng		97
9) Benzaldehyde	7.285	77	76013	38.850	ng		97
10) Phenol	7.326	94	138318	39.701	ng		94
11) bis(2-Chloroethyl)ether	7.567	93	105622	40.145	ng		94
12) 1,3-Dichlorobenzene	8.049	146	116232	39.244	ng		97
13) 1,4-Dichlorobenzene	8.190	146	114984	38.640	ng		94
14) 1,2-Dichlorobenzene	8.513	146	108988	38.726	ng		96
15) Benzyl Alcohol	8.383	79	119392	40.175	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.683	45	166171	36.267	ng		97
17) 2-Methylphenol	8.583	107	90870	39.125	ng		97
18) Hexachloroethane	9.253	117	42750	39.155	ng		99
19) n-Nitroso-di-n-propyla...	8.965	70	98402	39.365	ng		97
20) 3+4-Methylphenols	8.912	107	130689	40.207	ng		96
22) Acetophenone	8.977	105	164753	38.381	ng	#	95
24) Nitrobenzene	9.359	77	136247	41.202	ng		93
25) Isophorone	9.887	82	253792	39.660	ng		98
26) 2-Nitrophenol	10.075	139	47422	41.296	ng		99
27) 2,4-Dimethylphenol	10.122	122	90802	38.651	ng		92
28) bis(2-Chloroethoxy)met...	10.363	93	147590	39.005	ng		98
29) 2,4-Dichlorophenol	10.610	162	108666	41.107	ng		96
30) 1,2,4-Trichlorobenzene	10.833	180	124284	39.854	ng		96
31) Naphthalene	11.021	128	327144	38.140	ng		100
32) Benzoic acid	10.240	122	65780	38.923	ng		96
33) 4-Chloroaniline	11.115	127	140282	38.587	ng		95
34) Hexachlorobutadiene	11.315	225	87407	39.093	ng		97
35) Caprolactam	11.896	113	31037	42.998	ng	#	85
36) 4-Chloro-3-methylphenol	12.225	107	124617	40.595	ng		98
37) 2-Methylnaphthalene	12.619	142	237824	37.860	ng		95
38) 1-Methylnaphthalene	12.836	142	234153m	38.194	ng		
40) 1,2,4,5-Tetrachloroben...	12.983	216	149895	39.072	ng		99
41) Hexachlorocyclopentadiene	12.971	237	88528	38.930	ng		90
43) 2,4,6-Trichlorophenol	13.212	196	99509	40.503	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.283	196	104184	41.780	ng		93
46) 1,1'-Biphenyl	13.617	154	328620	38.267	ng		99
47) 2-Chloronaphthalene	13.659	162	258732	38.258	ng		97
48) 2-Nitroaniline	13.847	65	80002	43.255	ng		97
49) Acenaphthylene	14.505	152	413327	38.340	ng		96
50) Dimethylphthalate	14.228	163	360805	39.535	ng		98
51) 2,6-Dinitrotoluene	14.340	165	66192	42.958	ng	#	84
52) Acenaphthene	14.845	154	269786	39.063	ng		96
53) 3-Nitroaniline	14.663	138	78140	43.338	ng	#	98
54) 2,4-Dinitrophenol	14.869	184	33841	40.292	ng	#	76
55) Dibenzofuran	15.174	168	436620	38.713	ng		98
56) 4-Nitrophenol	14.957	139	62037	42.180	ng	#	82
57) 2,4-Dinitrotoluene	15.121	165	94435	44.171	ng		91
58) Fluorene	15.820	166	346878	37.730	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.392	232	108855	40.840	ng		99
60) Diethylphthalate	15.591	149	374724	38.898	ng		99
61) 4-Chlorophenyl-phenyle...	15.815	204	192094	37.886	ng		97
62) 4-Nitroaniline	15.826	138	78288	41.092	ng		88
63) Azobenzene	16.108	77	382287	37.128	ng		99
65) 4,6-Dinitro-2-methylph...	15.885	198	54253	41.609	ng		95
66) n-Nitrosodiphenylamine	16.020	169	320361	38.907	ng		99
67) 4-Bromophenyl-phenylether	16.707	248	133480	37.855	ng		95
68) Hexachlorobenzene	16.831	284	147396	38.890	ng		93
69) Atrazine	16.972	200	127375	41.953	ng		99
70) Pentachlorophenol	17.166	266	96472	41.029	ng		92
71) Phenanthrene	17.565	178	600008	38.348	ng		98
72) Anthracene	17.653	178	591023	38.211	ng		100
73) Carbazole	17.918	167	582299	38.012	ng		99
74) Di-n-butylphthalate	18.481	149	660464	39.466	ng		99
75) Fluoranthene	19.568	202	760808	38.307	ng		99
77) Benzidine	19.739	184	262012	36.097	ng		99
78) Pyrene	19.927	202	762988	39.084	ng		99
80) Butylbenzylphthalate	20.814	149	272081	39.291	ng		98
81) Benzo(a)anthracene	21.795	228	721766	38.301	ng		98
82) 3,3'-Dichlorobenzidine	21.701	252	253924	38.157	ng		98
83) Chrysene	21.859	228	667647	37.686	ng		100
84) Bis(2-ethylhexyl)phtha...	21.707	149	369359	39.221	ng		99
85) Di-n-octyl phthalate	22.964	149	621445	39.639	ng		98
87) Indeno(1,2,3-cd)pyrene	28.950	276	765902	38.350	ng	#	91
88) Benzo(b)fluoranthene	24.080	252	679582	37.511	ng		99
89) Benzo(k)fluoranthene	24.156	252	685193	38.441	ng		98
90) Benzo(a)pyrene	24.984	252	588181	38.355	ng		98
91) Dibenzo(a,h)anthracene	29.026	278	626412	38.065	ng		98
92) Benzo(g,h,i)perylene	30.148	276	626576	38.482	ng		99

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

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