Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061322\
Data File : BG053889.D
Acq On : 13 Jun 2022 11:34
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 13 14:29:47 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 :
SSTDICC010

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	8.085	152	21287	20.000	ng		0.00
21) Naphthalene-d8	10.893	136	84096	20.000	ng	#	0.00
39) Acenaphthene-d10	14.706	164	64149	20.000	ng		0.00
64) Phenanthrene-d10	17.450	188	161404	20.000	ng	#	0.00
76) Chrysene-d12	21.728	240	191268	20.000	ng		0.00
86) Perylene-d12	24.988	264	194100	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.652	112	21252	18.333	ng		0.00
7) Phenol-d6	7.239	99	29147	18.562	ng		0.00
23) Nitrobenzene-d5	9.242	82	28501	22.256	ng		0.00
42) 2,4,6-Tribromophenol	16.193	330	19081	24.504	ng		0.00
45) 2-Fluorobiphenyl	13.332	172	89849	20.954	ng		0.00
79) Terphenyl-d14	20.053	244	191610	19.930	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.549	88	4839	8.633	ng		99
3) Pyridine	3.954	79	12043	8.864	ng	#	88
4) n-Nitrosodimethylamine	3.866	42	5394	8.793	ng		95
6) Aniline	7.409	93	17527	9.171	ng		94
8) 2-Chlorophenol	7.650	128	11496	9.688	ng		92
9) Benzaldehyde	7.221	77	9775	9.336	ng		83
10) Phenol	7.262	94	14781	9.110	ng		93
11) bis(2-Chloroethyl)ether	7.497	93	11732	9.193	ng		89
12) 1,3-Dichlorobenzene	7.979	146	15077	9.984	ng		91
13) 1,4-Dichlorobenzene	8.126	146	15100	9.833	ng		95
14) 1,2-Dichlorobenzene	8.443	146	14499	9.855	ng		96
15) Benzyl Alcohol	8.320	79	10854	9.235	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.608	45	17782	7.942	ng		94
17) 2-Methylphenol	8.520	107	10509	9.475	ng		92
18) Hexachloroethane	9.183	117	4832	9.510	ng	#	81
19) n-Nitroso-di-n-propyla...	8.884	70	9897	8.899	ng	#	93
20) 3+4-Methylphenols	8.843	107	14659	9.728	ng		92
22) Acetophenone	8.907	105	20050	9.655	ng	#	92
24) Nitrobenzene	9.283	77	14433	11.251	ng	#	83
25) Isophorone	9.806	82	27021	9.414	ng	#	94
26) 2-Nitrophenol	10.006	139	5750	14.434	ng	#	83
27) 2,4-Dimethylphenol	10.053	122	10129	9.816	ng	#	78
28) bis(2-Chloroethoxy)met...	10.294	93	14280	9.155	ng		99
29) 2,4-Dichlorophenol	10.535	162	13041	10.523	ng		91
30) 1,2,4-Trichlorobenzene	10.758	180	16700	10.647	ng		92
31) Naphthalene	10.946	128	42091	9.779	ng		97
33) 4-Chloroaniline	11.046	127	16713	9.366	ng	#	92
34) Hexachlorobutadiene	11.240	225	13197	11.876	ng		97
35) Caprolactam	11.804	113	3272	9.238	ng	#	66
36) 4-Chloro-3-methylphenol	12.156	107	13133	9.957	ng	#	80
37) 2-Methylnaphthalene	12.544	142	30555m	9.786	ng		
38) 1-Methylnaphthalene	12.762	142	29819	9.766	ng		94
40) 1,2,4,5-Tetrachloroben...	12.909	216	24342	11.300	ng	#	93
41) Hexachlorocyclopentadiene	12.897	237	9036	8.252	ng		98
43) 2,4,6-Trichlorophenol	13.144	196	12461	10.666	ng		96
44) 2,4,5-Trichlorophenol	13.214	196	14289	10.993	ng	#	91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.543	154	44721	9.782	ng		96
47) 2-Chloronaphthalene	13.584	162	35866	10.084	ng		91
48) 2-Nitroaniline	13.778	65	8650	11.232	ng		92
49) Acenaphthylene	14.430	152	54492	9.550	ng		99
50) Dimethylphthalate	14.154	163	48086	10.229	ng	#	99
51) 2,6-Dinitrotoluene	14.272	165	8891	12.110	ng	#	77
52) Acenaphthene	14.777	154	34277	9.455	ng		96
53) 3-Nitroaniline	14.595	138	8914	11.285	ng		83
54) 2,4-Dinitrophenol	14.806	184	2680	7.231	ng	#	73
55) Dibenzofuran	15.106	168	57596	9.966	ng		91
56) 4-Nitrophenol	14.894	139	5903	8.941	ng	#	78
57) 2,4-Dinitrotoluene	15.059	165	12769	12.900	ng	#	83
58) Fluorene	15.752	166	48113	10.055	ng		90
59) 2,3,4,6-Tetrachlorophenol	15.329	232	14296	11.085	ng	#	88
60) Diethylphthalate	15.517	149	46258	9.716	ng		94
61) 4-Chlorophenyl-phenyle...	15.741	204	28076	10.884	ng		87
62) 4-Nitroaniline	15.758	138	9613	10.808	ng	#	71
63) Azobenzene	16.034	77	37943	8.517	ng		89
65) 4,6-Dinitro-2-methylph...	15.823	198	6350	11.179	ng		81
66) n-Nitrosodiphenylamine	15.952	169	41535	9.677	ng		98
67) 4-Bromophenyl-phenylether	16.639	248	19884	11.338	ng	#	90
68) Hexachlorobenzene	16.763	284	23016	11.774	ng	#	90
69) Atrazine	16.892	200	17321	10.307	ng		98
70) Pentachlorophenol	17.104	266	8368	7.648	ng		96
71) Phenanthrene	17.491	178	83073	9.778	ng		98
72) Anthracene	17.585	178	81443	9.795	ng		98
73) Carbazole	17.850	167	69753	9.294	ng		97
74) Di-n-butylphthalate	18.408	149	78234	9.065	ng	#	97
75) Fluoranthene	19.501	202	109343	9.923	ng		100
77) Benzidine	19.671	184	39787	8.507	ng		98
78) Pyrene	19.859	202	112566	9.254	ng		98
80) Butylbenzylphthalate	20.746	149	33352	8.407	ng		87
81) Benzo(a)anthracene	21.704	228	121647	9.580	ng		99
82) 3,3'-Dichlorobenzidine	21.616	252	35246	9.848	ng		91
83) Chrysene	21.775	228	116215	9.696	ng		97
84) Bis(2-ethylhexyl)phtha...	21.616	149	49337	8.649	ng		98
85) Di-n-octyl phthalate	22.844	149	82900	8.739	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.714	276	139159	9.727	ng	#	58
88) Benzo(b)fluoranthene	23.949	252	112809	9.362	ng		98
89) Benzo(k)fluoranthene	24.019	252	115800	9.722	ng		98
90) Benzo(a)pyrene	24.836	252	95250	9.346	ng	#	99
91) Dibenzo(a,h)anthracene	28.778	278	115483	9.768	ng		98
92) Benzo(g,h,i)perylene	29.871	276	113544	9.743	ng		94

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

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