Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092822\
Data File : BG055034.D
Acq On : 28 Sep 2022 14:04
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 28 14:40:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 14:23:01 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.352	152	38268	20.000	ng	0.00
21) Naphthalene-d8	11.184	136	145098	20.000	ng	0.00
39) Acenaphthene-d10	14.956	164	100291	20.000	ng	0.00
64) Phenanthrene-d10	17.694	188	240369	20.000	ng	0.00
76) Chrysene-d12	21.995	240	236444	20.000	ng	# 0.00
86) Perylene-d12	25.455	264	265068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.866	112	237930	121.656	ng	0.00
7) Phenol-d6	7.476	99	313353	119.534	ng	0.00
23) Nitrobenzene-d5	9.527	82	301755	120.541	ng	0.00
42) 2,4,6-Tribromophenol	16.436	330	150955	128.483	ng	0.00
45) 2-Fluorobiphenyl	13.593	172	757706	119.066	ng	0.00
79) Terphenyl-d14	20.273	244	1344891	118.982	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.704	88	57088	60.083	ng	95
3) Pyridine	4.116	79	169654m	65.709	ng	
4) n-Nitrosodimethylamine	4.027	42	81889	86.927	ng	90
6) Aniline	7.664	93	202876	61.876	ng	97
8) 2-Chlorophenol	7.905	128	131574	57.113	ng	94
9) Benzaldehyde	7.476	77	90591	54.245	ng	98
10) Phenol	7.506	94	173549	61.091	ng	92
11) bis(2-Chloroethyl)ether	7.758	93	128058	56.996	ng	99
12) 1,3-Dichlorobenzene	8.240	146	158328	58.920	ng	98
13) 1,4-Dichlorobenzene	8.387	146	159949	58.405	ng	99
14) 1,2-Dichlorobenzene	8.710	146	150212	58.212	ng	99
15) Benzyl Alcohol	8.581	79	134987	70.407	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.875	45	211341	76.750	ng	97
17) 2-Methylphenol	8.775	107	121442	60.644	ng	96
18) Hexachloroethane	9.450	117	54932	58.358	ng	93
19) n-Nitroso-di-n-propyla...	9.163	70	118965	65.934	ng	97
20) 3+4-Methylphenols	9.104	107	170492	60.864	ng	95
22) Acetophenone	9.180	105	213378	62.223	ng	98
24) Nitrobenzene	9.568	77	163471	65.176	ng	98
25) Isophorone	10.091	82	301864	63.511	ng	98
26) 2-Nitrophenol	10.279	139	65185	49.361	ng	93
27) 2,4-Dimethylphenol	10.320	122	122237	65.567	ng	97
28) bis(2-Chloroethoxy)met...	10.567	93	159461	59.568	ng	99
29) 2,4-Dichlorophenol	10.814	162	143071	64.287	ng	94
30) 1,2,4-Trichlorobenzene	11.037	180	159453	62.172	ng	98
31) Naphthalene	11.237	128	454669	59.928	ng	99
32) Benzoic acid	10.461	122	90819	178.891	ng	96
33) 4-Chloroaniline	11.331	127	187796	60.742	ng	99
34) Hexachlorobutadiene	11.513	225	104708	61.473	ng	96
35) Caprolactam	12.100	113	45579	56.205	ng	98
36) 4-Chloro-3-methylphenol	12.418	107	153593	64.623	ng	94
37) 2-Methylnaphthalene	12.811	142	324895	60.110	ng	97
38) 1-Methylnaphthalene	13.029	142	315051m	59.598	ng	
40) 1,2,4,5-Tetrachloroben...	13.170	216	179705	61.276	ng	99
41) Hexachlorocyclopentadiene	13.152	237	98186	344.224	ng	99
43) 2,4,6-Trichlorophenol	13.399	196	123232	73.134	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.469	196	138837	71.760	ng		98
46)	1,1'-Biphenyl	13.798	154	412810	61.006	ng		99
47)	2-Chloronaphthalene	13.845	162	332760	62.904	ng		98
48)	2-Nitroaniline	14.033	65	98937	63.736	ng		97
49)	Acenaphthylene	14.686	152	542613	60.699	ng		98
50)	Dimethylphthalate	14.403	163	454918	59.901	ng		99
51)	2,6-Dinitrotoluene	14.521	165	87263	54.044	ng		98
52)	Acenaphthene	15.026	154	341057	61.921	ng		99
53)	3-Nitroaniline	14.850	138	101446	57.912	ng	#	97
54)	2,4-Dinitrophenol	15.050	184	42473	108.060	ng	#	81
55)	Dibenzofuran	15.355	168	536772	62.035	ng		99
56)	4-Nitrophenol	15.126	139	80350	82.689	ng		93
57)	2,4-Dinitrotoluene	15.302	165	119917	52.212	ng	#	95
58)	Fluorene	15.996	166	428064	58.288	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.567	232	127524	78.208	ng		99
60)	Diethylphthalate	15.755	149	466661	61.547	ng		99
61)	4-Chlorophenyl-phenyle...	15.984	204	232738	62.719	ng		99
62)	4-Nitroaniline	16.008	138	105556	57.859	ng		89
63)	Azobenzene	16.278	77	427997	69.014	ng		97
65)	4,6-Dinitro-2-methylph...	16.060	198	61360	54.610	ng		95
66)	n-Nitrosodiphenylamine	16.196	169	389163	60.554	ng		100
67)	4-Bromophenyl-phenylether	16.877	248	156895	59.185	ng		98
68)	Hexachlorobenzene	16.995	284	178417	58.592	ng		97
69)	Atrazine	17.130	200	139782	57.304	ng		99
70)	Pentachlorophenol	17.329	266	111432	186.258	ng		98
71)	Phenanthrene	17.735	178	733838	59.947	ng		99
72)	Anthracene	17.829	178	719577	60.257	ng		99
73)	Carbazole	18.087	167	670779	61.348	ng		98
74)	Di-n-butylphthalate	18.628	149	826195	60.922	ng		99
75)	Fluoranthene	19.721	202	924742	59.642	ng		97
77)	Benzidine	19.885	184	341137	58.233	ng		99
78)	Pyrene	20.085	202	919913	59.183	ng		100
80)	Butylbenzylphthalate	20.955	149	366711	60.716	ng		96
81)	Benzo(a)anthracene	21.971	228	913169	60.050	ng		99
82)	3,3'-Dichlorobenzidine	21.871	252	302459	57.338	ng		99
83)	Chrysene	22.042	228	866212	59.505	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.859	149	527775	60.922	ng		98
85)	Di-n-octyl phthalate	23.164	149	897868	59.945	ng		98
87)	Indeno(1,2,3-cd)pyrene	29.468	276	1197168	60.752	ng		98
88)	Benzo(b)fluoranthene	24.357	252	957928	61.270	ng	#	98
89)	Benzo(k)fluoranthene	24.433	252	929822	58.912	ng	#	98
90)	Benzo(a)pyrene	25.297	252	818054	60.766	ng	#	98
91)	Dibenzo(a,h)anthracene	29.539	278	967903	59.668	ng		96
92)	Benzo(g,h,i)perylene	30.720	276	965768	59.055	ng	#	95

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

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