Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021523\
Data File : BG056639.D
Acq On : 15 Feb 2023 18:31
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 16 01:29:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 16 01:15:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.440	152	16670	20.000	ng	0.00
21) Naphthalene-d8	11.278	136	68015	20.000	ng	0.00
39) Acenaphthene-d10	15.044	164	52611	20.000	ng	0.00
64) Phenanthrene-d10	17.776	188	133213	20.000	ng	0.00
76) Chrysene-d12	22.101	240	120071	20.000	ng	0.00
86) Perylene-d12	25.650	264	136045	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.943	112	127755	124.695	ng	0.00
7) Phenol-d6	7.559	99	189397	125.146	ng	0.00
23) Nitrobenzene-d5	9.615	82	174124	131.079	ng	0.00
42) 2,4,6-Tribromophenol	16.519	330	94633	131.378	ng	0.00
45) 2-Fluorobiphenyl	13.675	172	476567	121.296	ng	0.00
79) Terphenyl-d14	20.350	244	906577	123.532	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.758	88	25821	57.486	ng	98
3) Pyridine	4.175	79	87878	61.852	ng	100
4) n-Nitrosodimethylamine	4.087	42	40359	60.941	ng	91
6) Aniline	7.753	93	129283	61.467	ng	97
8) 2-Chlorophenol	7.994	128	63706	62.845	ng	93
9) Benzaldehyde	7.559	77	43363	54.180	ng	98
10) Phenol	7.588	94	97780	63.161	ng	97
11) bis(2-Chloroethyl)ether	7.841	93	69093	59.483	ng	96
12) 1,3-Dichlorobenzene	8.329	146	72127	59.720	ng	97
13) 1,4-Dichlorobenzene	8.476	146	72729	59.794	ng	93
14) 1,2-Dichlorobenzene	8.805	146	70483	60.287	ng	98
15) Benzyl Alcohol	8.669	79	87390	64.489	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.963	45	93397m	59.867	ng	
17) 2-Methylphenol	8.863	107	68587	63.044	ng	99
18) Hexachloroethane	9.545	117	24435	63.419	ng	94
19) n-Nitroso-di-n-propyla...	9.245	70	73364	64.753	ng	97
20) 3+4-Methylphenols	9.192	107	93313	62.438	ng	92
22) Acetophenone	9.269	105	125973	60.617	ng	99
24) Nitrobenzene	9.662	77	94820	60.539	ng	97
25) Isophorone	10.185	82	200095	61.893	ng	99
26) 2-Nitrophenol	10.373	139	36584	66.885	ng	98
27) 2,4-Dimethylphenol	10.414	122	75906	60.729	ng	98
28) bis(2-Chloroethoxy)met...	10.655	93	100303	60.878	ng	97
29) 2,4-Dichlorophenol	10.908	162	79725	64.357	ng	96
30) 1,2,4-Trichlorobenzene	11.137	180	89650	60.751	ng	96
31) Naphthalene	11.331	128	228675	60.664	ng	100
32) Benzoic acid	10.544	122	55056m	68.211	ng	
33) 4-Chloroaniline	11.425	127	105236	61.105	ng	97
34) Hexachlorobutadiene	11.607	225	63902	60.595	ng	96
35) Caprolactam	12.195	113	26138	65.601	ng	95
36) 4-Chloro-3-methylphenol	12.506	107	88032	64.439	ng	99
37) 2-Methylnaphthalene	12.900	142	181277	60.906	ng	99
38) 1-Methylnaphthalene	13.117	142	170403	61.356	ng	97
40) 1,2,4,5-Tetrachloroben...	13.258	216	121403	62.074	ng	98
41) Hexachlorocyclopentadiene	13.241	237	68379	64.461	ng	99
43) 2,4,6-Trichlorophenol	13.481	196	78964	66.544	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.552	196	93053	65.429	ng		99
46)	1,1'-Biphenyl	13.887	154	242045	60.733	ng		98
47)	2-Chloronaphthalene	13.934	162	194737	61.747	ng		97
48)	2-Nitroaniline	14.122	65	58443	61.907	ng		93
49)	Acenaphthylene	14.774	152	311196	60.728	ng		99
50)	Dimethylphthalate	14.486	163	278470	64.028	ng		99
51)	2,6-Dinitrotoluene	14.604	165	53188	61.998	ng		93
52)	Acenaphthene	15.109	154	196621	62.204	ng		98
53)	3-Nitroaniline	14.939	138	55816	66.115	ng		97
54)	2,4-Dinitrophenol	15.132	184	32639	64.959	ng	#	74
55)	Dibenzofuran	15.438	168	327826	61.389	ng		99
56)	4-Nitrophenol	15.209	139	42354	65.480	ng		94
57)	2,4-Dinitrotoluene	15.385	165	71948	67.831	ng	#	95
58)	Fluorene	16.084	166	260272	61.643	ng		95
59)	2,3,4,6-Tetrachlorophenol	15.650	232	82661m	66.231	ng		
60)	Diethylphthalate	15.832	149	274199	62.501	ng		98
61)	4-Chlorophenyl-phenyle...	16.067	204	161012	62.420	ng		97
62)	4-Nitroaniline	16.096	138	57855	65.755	ng		94
63)	Azobenzene	16.360	77	268732	61.205	ng		98
65)	4,6-Dinitro-2-methylph...	16.143	198	45187	65.687	ng		98
66)	n-Nitrosodiphenylamine	16.278	169	239755	61.867	ng		98
67)	4-Bromophenyl-phenylether	16.960	248	105469	61.666	ng		94
68)	Hexachlorobenzene	17.083	284	108715	62.390	ng		99
69)	Atrazine	17.207	200	91778	61.675	ng		99
70)	Pentachlorophenol	17.418	266	78318	67.868	ng		94
71)	Phenanthrene	17.823	178	441730	60.950	ng		100
72)	Anthracene	17.917	178	446999	60.276	ng		99
73)	Carbazole	18.176	167	381461	59.671	ng		98
74)	Di-n-butylphthalate	18.705	149	443051	61.930	ng		99
75)	Fluoranthene	19.809	202	565636	59.149	ng		99
77)	Benzidine	19.968	184	174193	60.656	ng		97
78)	Pyrene	20.168	202	561156	61.883	ng		99
80)	Butylbenzylphthalate	21.037	149	185088	67.971	ng		98
81)	Benzo(a)anthracene	22.077	228	546378	61.189	ng		98
82)	3,3'-Dichlorobenzidine	21.977	252	180837	62.421	ng		97
83)	Chrysene	22.154	228	516193	61.837	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.954	149	268656	65.840	ng		98
85)	Di-n-octyl phthalate	23.282	149	454616	67.033	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.757	276	662975	62.224	ng	#	98
88)	Benzo(b)fluoranthene	24.516	252	547849	61.640	ng		99
89)	Benzo(k)fluoranthene	24.592	252	537881	61.541	ng		97
90)	Benzo(a)pyrene	25.479	252	531770	62.244	ng		98
91)	Dibenzo(a,h)anthracene	29.833	278	549864	62.312	ng	#	97
92)	Benzo(g,h,i)perylene	31.043	276	533833	61.911	ng		95

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

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