Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010522\
Data File : BG051881.D
Acq On : 5 Jan 2022 15:09
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

Quant Time: Jan 07 06:19:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 07 06:16:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	30670	20.000	ng	0.00
21) Naphthalene-d8	11.095	136	119775	20.000	ng	0.00
39) Acenaphthene-d10	14.896	164	88957	20.000	ng	0.00
64) Phenanthrene-d10	17.639	188	222875	20.000	ng	# 0.00
76) Chrysene-d12	21.963	240	211979	20.000	ng	0.00
86) Perylene-d12	25.440	264	224621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	275067	138.641	ng	0.00
7) Phenol-d6	7.400	99	416256	148.960	ng	0.00
23) Nitrobenzene-d5	9.433	82	457406	174.326	ng	0.00
42) 2,4,6-Tribromophenol	16.382	330	208453	220.469	ng	0.00
45) 2-Fluorobiphenyl	13.521	172	943998	160.129	ng	0.00
79) Terphenyl-d14	20.236	244	1732969	149.451	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.617	88	62099	74.644	ng	96
3) Pyridine	4.028	79	192542m	77.794	ng	
4) n-Nitrosodimethylamine	3.934	42	106778	100.343	ng	95
6) Aniline	7.571	93	240181	72.355	ng	98
8) 2-Chlorophenol	7.817	128	138714	66.617	ng	98
10) Phenol	7.430	94	203078	70.794	ng	99
11) bis(2-Chloroethyl)ether	7.659	93	147866	68.182	ng	98
12) 1,3-Dichlorobenzene	8.146	146	159561	71.627	ng	98
13) 1,4-Dichlorobenzene	8.293	146	162369	70.307	ng	98
14) 1,2-Dichlorobenzene	8.616	146	151613	69.207	ng	92
15) Benzyl Alcohol	8.487	79	178468	79.936	ng	97
17) 2-Methylphenol	8.693	107	135691	70.067	ng	98
18) Hexachloroethane	9.356	117	57032	66.086	ng	96
19) n-Nitroso-di-n-propyla...	9.068	70	154647	74.974	ng	98
20) 3+4-Methylphenols	9.027	107	191749	69.476	ng	97
22) Acetophenone	9.086	105	246200	76.086	ng	98
24) Nitrobenzene	9.474	77	215570	84.715	ng	96
25) Isophorone	10.002	82	383271	81.138	ng	99
26) 2-Nitrophenol	10.190	139	89467	77.667	ng	98
27) 2,4-Dimethylphenol	10.243	122	130537	76.773	ng	97
28) bis(2-Chloroethoxy)met...	10.478	93	211355	75.138	ng	100
29) 2,4-Dichlorophenol	10.731	162	157388	82.018	ng	98
30) 1,2,4-Trichlorobenzene	10.954	180	181231	84.079	ng	97
31) Naphthalene	11.148	128	479601	75.883	ng	97
32) Benzoic acid	10.408	122	111329	101.125	ng	93
33) 4-Chloroaniline	11.242	127	213631	78.654	ng	95
34) Hexachlorobutadiene	11.436	225	123371	92.702	ng	99
35) Caprolactam	12.035	113	61972	120.924	ng	93
36) 4-Chloro-3-methylphenol	12.352	107	186671	78.786	ng	96
37) 2-Methylnaphthalene	12.740	142	358747	80.118	ng	99
38) 1-Methylnaphthalene	12.957	142	344877	78.892	ng	99
40) 1,2,4,5-Tetrachloroben...	13.098	216	215488	79.705	ng	98
41) Hexachlorocyclopentadiene	13.081	237	138333	251.548	ng	97
43) 2,4,6-Trichlorophenol	13.333	196	155711	83.533	ng	98
44) 2,4,5-Trichlorophenol	13.410	196	169009	83.886	ng	97
46) 1,1'-Biphenyl	13.733	154	488890	76.455	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	13.780	162	380546	75.170	ng		97
48)	2-Nitroaniline	13.974	65	158204	86.461	ng		94
49)	Acenaphthylene	14.620	152	616683	76.404	ng		99
50)	Dimethylphthalate	14.338	163	536129	78.228	ng		99
51)	2,6-Dinitrotoluene	14.455	165	115985	81.025	ng		95
52)	Acenaphthene	14.960	154	421801	89.540	ng		97
53)	3-Nitroaniline	14.790	138	125127	78.032	ng		97
54)	2,4-Dinitrophenol	14.990	184	79763	110.870	ng		94
55)	Dibenzofuran	15.289	168	632428	77.305	ng		99
56)	4-Nitrophenol	15.090	139	104281	92.448	ng		99
57)	2,4-Dinitrotoluene	15.242	165	167484	81.684	ng	#	98
58)	Fluorene	15.942	166	516812	80.461	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.513	232	162494	93.943	ng		99
60)	Diethylphthalate	15.695	149	554114	76.670	ng		98
61)	4-Chlorophenyl-phenyle...	15.924	204	297161	84.627	ng		97
62)	4-Nitroaniline	15.953	138	133487	77.846	ng		97
63)	Azobenzene	16.218	77	575959	79.574	ng		100
65)	4,6-Dinitro-2-methylph...	16.012	198	115842	87.032	ng		98
66)	n-Nitrosodiphenylamine	16.135	169	461452	72.149	ng		98
67)	4-Bromophenyl-phenylether	16.823	248	203552	84.442	ng		97
68)	Hexachlorobenzene	16.952	284	215191	87.830	ng		95
69)	Atrazine	17.081	200	194440	114.313	ng		97
70)	Pentachlorophenol	17.287	266	139635	125.363	ng		98
71)	Phenanthrene	17.686	178	853013	71.207	ng		97
72)	Anthracene	17.774	178	829877	69.832	ng		99
73)	Carbazole	18.039	167	821996	70.322	ng		97
74)	Di-n-butylphthalate	18.585	149	918834	64.928	ng		99
75)	Fluoranthene	19.683	202	1078796	73.048	ng		98
77)	Benzidine	19.854	184	435156	125.018	ng		97
78)	Pyrene	20.048	202	1070806	69.654	ng		99
80)	Butylbenzylphthalate	20.917	149	405572	61.883	ng		96
81)	Benzo(a)anthracene	21.939	228	1064189	73.613	ng		98
82)	3,3'-Dichlorobenzidine	21.845	252	396984	61.451	ng		99
83)	Chrysene	22.016	228	1000280	73.691	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.822	149	571995	62.654	ng		98
85)	Di-n-octyl phthalate	23.126	149	942250	61.599	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.476	276	1215783	75.419	ng	#	98
88)	Benzo(b)fluoranthene	24.336	252	1077096	77.788	ng		98
89)	Benzo(k)fluoranthene	24.412	252	1025456	73.008	ng		96
90)	Benzo(a)pyrene	25.282	252	902526	75.115	ng		99
91)	Dibenzo(a,h)anthracene	29.541	278	989123	74.481	ng		99
92)	Benzo(g,h,i)perylene	30.739	276	994109	75.687	ng		97

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

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