Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121322\
Data File : BG055947.D
Acq On : 13 Dec 2022 17:53
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 14 01:53:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 01:49:58 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.373	152	5084	20.000	ng	0.00
21) Naphthalene-d8	11.205	136	19683	20.000	ng	# 0.00
39) Acenaphthene-d10	14.977	164	18749	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	53492	20.000	ng	0.00
76) Chrysene-d12	22.022	240	72763	20.000	ng	0.00
86) Perylene-d12	25.518	264	82009	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	2105	7.484	ng	0.00
7) Phenol-d6	7.492	99	2773	7.406	ng	0.00
23) Nitrobenzene-d5	9.543	82	2330	6.257	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	3755	14.223	ng	0.00
45) 2-Fluorobiphenyl	13.608	172	13211	10.556	ng	0.00
79) Terphenyl-d14	20.289	244	40157	11.038	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.720	88	238	1.980	ng	# 1
3) Pyridine	4.143	79	897	2.433	ng	# 90
4) n-Nitrosodimethylamine	4.043	42	825	4.226	ng	# 92
6) Aniline	7.680	93	1501	3.192	ng	90
8) 2-Chlorophenol	7.927	128	1362	4.236	ng	95
9) Benzaldehyde	7.492	77	919	3.614	ng	89
10) Phenol	7.521	94	1483	3.537	ng	94
11) bis(2-Chloroethyl)ether	7.774	93	1025	3.190	ng	92
12) 1,3-Dichlorobenzene	8.262	146	1859m	4.917	ng	
13) 1,4-Dichlorobenzene	8.409	146	1857	4.861	ng	96
14) 1,2-Dichlorobenzene	8.732	146	1801	4.920	ng	90
15) Benzyl Alcohol	8.597	79	1402	4.607	ng	# 85
16) 2,2'-oxybis(1-Chloropr...	8.896	45	1377	2.368	ng	68
17) 2-Methylphenol	8.796	107	1113	3.739	ng	92
18) Hexachloroethane	9.478	117	572	4.350	ng	87
19) n-Nitroso-di-n-propyla...	9.172	70	1045	3.633	ng	# 82
20) 3+4-Methylphenols	9.120	107	1582	3.805	ng	98
22) Acetophenone	9.202	105	2502	4.892	ng	96
24) Nitrobenzene	9.590	77	1106	2.843	ng	# 84
25) Isophorone	10.112	82	2812	3.985	ng	# 92
26) 2-Nitrophenol	10.306	139	741	4.127	ng	# 61
27) 2,4-Dimethylphenol	10.342	122	1400	5.123	ng	91
28) bis(2-Chloroethoxy)met...	10.583	93	1322	3.490	ng	# 91
29) 2,4-Dichlorophenol	10.835	162	1807	5.524	ng	90
30) 1,2,4-Trichlorobenzene	11.058	180	2459	6.471	ng	# 80
31) Naphthalene	11.252	128	4915	4.619	ng	98
33) 4-Chloroaniline	11.352	127	2066	4.707	ng	95
34) Hexachlorobutadiene	11.540	225	2475	9.538	ng	91
36) 4-Chloro-3-methylphenol	12.427	107	1580	4.395	ng	96
37) 2-Methylnaphthalene	12.833	142	4532	5.689	ng	95
38) 1-Methylnaphthalene	13.050	142	4277	5.530	ng	# 95
40) 1,2,4,5-Tetrachloroben...	13.185	216	3869	6.567	ng	# 98
41) Hexachlorocyclopentadiene	13.174	237	1892	6.371	ng	78
43) 2,4,6-Trichlorophenol	13.414	196	2145	5.337	ng	89
44) 2,4,5-Trichlorophenol	13.485	196	2268	5.135	ng	94
46) 1,1'-Biphenyl	13.820	154	6188	4.529	ng	94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	13.867	162	5131	4.832	ng		91
48)	2-Nitroaniline	14.055	65	672	1.925	ng	#	87
49)	Acenaphthylene	14.701	152	7816	4.470	ng	#	92
50)	Dimethylphthalate	14.413	163	7771	5.199	ng		98
51)	2,6-Dinitrotoluene	14.531	165	1036	3.390	ng	#	83
52)	Acenaphthene	15.042	154	5166	4.520	ng		92
53)	3-Nitroaniline	14.860	138	1115	3.324	ng	#	94
55)	Dibenzofuran	15.371	168	9022	5.117	ng		91
56)	4-Nitrophenol	15.136	139	764	2.902	ng	#	74
57)	2,4-Dinitrotoluene	15.312	165	1454	3.375	ng	#	82
58)	Fluorene	16.017	166	7338	5.211	ng	#	94
59)	2,3,4,6-Tetrachlorophenol	15.583	232	2588	6.047	ng	#	97
60)	Diethylphthalate	15.765	149	7830	5.182	ng		96
61)	4-Chlorophenyl-phenyle...	16.006	204	4996	6.454	ng		97
62)	4-Nitroaniline	16.011	138	1065	3.037	ng	#	53
63)	Azobenzene	16.293	77	4729	3.585	ng		95
65)	4,6-Dinitro-2-methylph...	16.070	198	1125	3.766	ng		95
66)	n-Nitrosodiphenylamine	16.211	169	7103	4.818	ng		97
67)	4-Bromophenyl-phenylether	16.899	248	3841	6.302	ng		91
68)	Hexachlorobenzene	17.016	284	4673	6.915	ng		95
69)	Atrazine	17.145	200	3538	6.068	ng		93
70)	Pentachlorophenol	17.351	266	2323	5.619	ng		94
71)	Phenanthrene	17.756	178	13854	4.799	ng		97
72)	Anthracene	17.845	178	14335	5.111	ng		96
73)	Carbazole	18.103	167	12184	4.832	ng		98
74)	Di-n-butylphthalate	18.650	149	13803	4.409	ng	#	97
75)	Fluoranthene	19.742	202	20435	5.819	ng		99
77)	Benzidine	19.907	184	9867	5.862	ng		97
78)	Pyrene	20.101	202	21128	4.290	ng		98
80)	Butylbenzylphthalate	20.976	149	5715	2.964	ng		97
81)	Benzo(a)anthracene	21.999	228	25368	5.062	ng		96
82)	3,3'-Dichlorobenzidine	21.899	252	8993	5.107	ng		96
83)	Chrysene	22.069	228	23511	4.928	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.887	149	8686	3.135	ng		96
85)	Di-n-octyl phthalate	23.197	149	14089	2.971	ng	#	89
87)	Indeno(1,2,3-cd)pyrene	29.525	276	32761	4.876	ng	#	99
88)	Benzo(b)fluoranthene	24.396	252	25562	4.786	ng		97
89)	Benzo(k)fluoranthene	24.466	252	26316	4.943	ng		100
90)	Benzo(a)pyrene	25.342	252	21928	4.784	ng		94
91)	Dibenzo(a,h)anthracene	29.607	278	27525	5.014	ng		96
92)	Benzo(g,h,i)perylene	30.776	276	27035	4.886	ng		97

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

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