Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122623\
Data File : BG060170.D
Acq On : 26 Dec 2023 14:34
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 27 00:36:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 27 00:26:26 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/27/2023
Supervised By :Sohil Jodhani 12/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.943	152	256303	20.000	ng		0.00
21) Naphthalene-d8	10.746	136	1195841	20.000	ng		0.00
39) Acenaphthene-d10	14.577	164	952913	20.000	ng		0.00
64) Phenanthrene-d10	17.326	188	2249881	20.000	ng		0.00
76) Chrysene-d12	21.592	240	1904322	20.000	ng		0.00
86) Perylene-d12	24.765	264	2081230	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.511	112	1551506	96.900	ng		0.00
7) Phenol-d6	7.103	99	2510962	99.339	ng		0.00
23) Nitrobenzene-d5	9.107	82	2461372	97.290	ng		0.00
42) 2,4,6-Tribromophenol	16.069	330	1242364	97.152	ng		0.00
45) 2-Fluorobiphenyl	13.202	172	5355392	88.148	ng		0.00
79) Terphenyl-d14	19.947	244	6420178	88.082	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.413	88	292022	43.310	ng		98
3) Pyridine	3.807	79	938751m	46.999	ng		
4) n-Nitrosodimethylamine	3.725	42	357535	45.215	ng	#	87
6) Aniline	7.268	93	1299404	49.932	ng		99
8) 2-Chlorophenol	7.508	128	830975	49.031	ng		98
9) Benzaldehyde	7.080	77	624155	43.600	ng		98
10) Phenol	7.132	94	1303190	50.078	ng		100
11) bis(2-Chloroethyl)ether	7.362	93	995814	48.395	ng		99
12) 1,3-Dichlorobenzene	7.832	146	926636	46.636	ng		97
13) 1,4-Dichlorobenzene	7.973	146	955626	47.012	ng		99
14) 1,2-Dichlorobenzene	8.296	146	975063	47.681	ng		98
15) Benzyl Alcohol	8.178	79	908157	51.083	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.466	45	1416945	48.051	ng		99
17) 2-Methylphenol	8.378	107	877198	49.736	ng		97
18) Hexachloroethane	9.024	117	325197	46.667	ng		95
19) n-Nitroso-di-n-propyla...	8.748	70	957072	50.286	ng		99
20) 3+4-Methylphenols	8.713	107	1242020	50.334	ng		96
22) Acetophenone	8.766	105	1669905	48.426	ng	#	99
24) Nitrobenzene	9.148	77	1292776	48.899	ng		98
25) Isophorone	9.665	82	2608290	48.368	ng		99
26) 2-Nitrophenol	9.853	139	537892	51.862	ng		99
27) 2,4-Dimethylphenol	9.912	122	668837	51.490	ng		99
28) bis(2-Chloroethoxy)met...	10.152	93	1541388	48.217	ng		99
29) 2,4-Dichlorophenol	10.393	162	1063542	50.540	ng		97
30) 1,2,4-Trichlorobenzene	10.605	180	1166826	48.637	ng		99
31) Naphthalene	10.799	128	2966192	47.952	ng		99
32) Benzoic acid	10.076	122	721195	50.458	ng		98
33) 4-Chloroaniline	10.904	127	1259909	50.130	ng		99
34) Hexachlorobutadiene	11.081	225	676079	47.327	ng		94
35) Caprolactam	11.698	113	370981	48.976	ng		99
36) 4-Chloro-3-methylphenol	12.027	107	1127476	49.446	ng		97
37) 2-Methylnaphthalene	12.403	142	2279773	48.039	ng		98
38) 1-Methylnaphthalene	12.620	142	2294931	48.133	ng		98
40) 1,2,4,5-Tetrachloroben...	12.767	216	1412209	49.136	ng		100
41) Hexachlorocyclopentadiene	12.749	237	497530	52.577	ng		97
43) 2,4,6-Trichlorophenol	13.008	196	973255	49.616	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.078	196	1098465	49.992	ng		99
46)	1,1'-Biphenyl	13.413	154	3230950	47.680	ng		97
47)	2-Chloronaphthalene	13.454	162	2815858	48.783	ng		99
48)	2-Nitroaniline	13.660	65	891928	51.799	ng		99
49)	Acenaphthylene	14.300	152	3899448	47.179	ng		96
50)	Dimethylphthalate	14.036	163	3334738	46.578	ng		99
51)	2,6-Dinitrotoluene	14.154	165	808366	49.701	ng		95
52)	Acenaphthene	14.641	154	2527827	48.116	ng		99
53)	3-Nitroaniline	14.488	138	751096	50.823	ng		99
54)	2,4-Dinitrophenol	14.688	184	446147	54.042	ng		96
55)	Dibenzofuran	14.976	168	4012078	46.663	ng		96
56)	4-Nitrophenol	14.794	139	589926	51.425	ng		99
57)	2,4-Dinitrotoluene	14.941	165	1105996	49.456	ng		97
58)	Fluorene	15.628	166	3409555	47.050	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.199	232	939724	49.494	ng		98
60)	Diethylphthalate	15.399	149	3368033	47.104	ng		98
61)	4-Chlorophenyl-phenyle...	15.617	204	1800861	47.713	ng		98
62)	4-Nitroaniline	15.658	138	805654	49.534	ng		97
63)	Azobenzene	15.910	77	3436643	47.302	ng		96
65)	4,6-Dinitro-2-methylph...	15.705	198	670901	53.681	ng		95
66)	n-Nitrosodiphenylamine	15.834	169	2963956	48.430	ng		99
67)	4-Bromophenyl-phenylether	16.516	248	1191888	49.874	ng		96
68)	Hexachlorobenzene	16.627	284	1355069	48.487	ng		98
69)	Atrazine	16.780	200	812939	44.430	ng		98
70)	Pentachlorophenol	16.974	266	788251	51.677	ng		98
71)	Phenanthrene	17.367	178	4747758	44.491	ng		97
72)	Anthracene	17.461	178	4828245	45.264	ng		95
73)	Carbazole	17.732	167	4604113	44.973	ng		95
74)	Di-n-butylphthalate	18.290	149	4721594	43.728	ng	#	95
75)	Fluoranthene	19.383	202	5240727	40.548	ng		95
77)	Benzidine	19.565	184	1751518	52.632	ng		99
78)	Pyrene	19.741	202	5458999	44.241	ng		94
80)	Butylbenzylphthalate	20.634	149	2364903	50.252	ng		98
81)	Benzo(a)anthracene	21.568	228	5274695	45.015	ng		95
82)	3,3'-Dichlorobenzidine	21.492	252	2003401	48.527	ng		99
83)	Chrysene	21.639	228	5069329	45.154	ng		94
84)	Bis(2-ethylhexyl)phtha...	21.480	149	3379765	48.030	ng		99
85)	Di-n-octyl phthalate	22.673	149	5462530	47.435	ng		98
87)	Indeno(1,2,3-cd)pyrene	28.384	276	7263760	49.255	ng	#	93
88)	Benzo(b)fluoranthene	23.760	252	6031716	48.807	ng		96
89)	Benzo(k)fluoranthene	23.825	252	5856736	47.904	ng		98
90)	Benzo(a)pyrene	24.618	252	5457803	48.564	ng		98
91)	Dibenzo(a,h)anthracene	28.449	278	5928297	49.180	ng		98
92)	Benzo(g,h,i)perylene	29.524	276	6152845	50.258	ng		98

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

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