Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122923\
Data File : BG060182.D
Acq On : 29 Dec 2023 15:58
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 30 03:09:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 02:56:50 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.937	152	216120	20.000	ng		0.00
21) Naphthalene-d8	10.746	136	923377	20.000	ng		0.00
39) Acenaphthene-d10	14.577	164	700343	20.000	ng		0.00
64) Phenanthrene-d10	17.326	188	1677844	20.000	ng		0.00
76) Chrysene-d12	21.592	240	1450775	20.000	ng		0.00
86) Perylene-d12	24.771	264	1576988	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.511	112	1867565	130.427	ng		0.00
7) Phenol-d6	7.103	99	2568144	120.796	ng		0.00
23) Nitrobenzene-d5	9.107	82	2496986	124.906	ng		0.00
42) 2,4,6-Tribromophenol	16.069	330	1179985	125.867	ng		0.00
45) 2-Fluorobiphenyl	13.202	172	5228352	107.295	ng		0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.419	88	391342	61.430	ng		100
3) Pyridine	3.807	79	1195964m	66.260	ng		
4) n-Nitrosodimethylamine	3.731	42	431906	64.276	ng		96
6) Aniline	7.268	93	1322764	62.099	ng		98
8) 2-Chlorophenol	7.503	128	831127	60.396	ng		95
9) Benzaldehyde	7.080	77	710240	55.679	ng		94
10) Phenol	7.133	94	1313665	61.274	ng		98
11) bis(2-Chloroethyl)ether	7.362	93	1034705	59.642	ng		97
12) 1,3-Dichlorobenzene	7.832	146	1001882	58.977	ng		100
13) 1,4-Dichlorobenzene	7.979	146	1013290	59.001	ng		98
14) 1,2-Dichlorobenzene	8.296	146	1025387	61.072	ng		99
15) Benzyl Alcohol	8.178	79	871872	66.267	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.466	45	1363717	61.249	ng		99
17) 2-Methylphenol	8.378	107	857930	63.908	ng		99
18) Hexachloroethane	9.024	117	347616	64.268	ng		96
19) n-Nitroso-di-n-propyla...	8.748	70	930691	64.080	ng		96
20) 3+4-Methylphenols	8.713	107	1228128	64.549	ng		99
22) Acetophenone	8.766	105	1650599	60.333	ng	#	99
24) Nitrobenzene	9.148	77	1295473	63.337	ng		99
25) Isophorone	9.665	82	2517083	60.181	ng		98
26) 2-Nitrophenol	9.859	139	482775	67.641	ng		95
27) 2,4-Dimethylphenol	9.912	122	629013	62.217	ng		95
28) bis(2-Chloroethoxy)met...	10.153	93	1507240	61.528	ng		98
29) 2,4-Dichlorophenol	10.388	162	1034484	64.744	ng		97
30) 1,2,4-Trichlorobenzene	10.605	180	1168804	60.101	ng		98
31) Naphthalene	10.793	128	2905426	59.600	ng		99
32) Benzoic acid	10.070	122	590476m	61.939	ng		
33) 4-Chloroaniline	10.905	127	1221707	64.171	ng		98
34) Hexachlorobutadiene	11.075	225	705478	60.994	ng		99
35) Caprolactam	11.692	113	337288	63.460	ng	#	85
36) 4-Chloro-3-methylphenol	12.027	107	1051484	63.944	ng		99
37) 2-Methylnaphthalene	12.403	142	2207710	62.699	ng		99
38) 1-Methylnaphthalene	12.620	142	2199438	61.782	ng		100
40) 1,2,4,5-Tetrachloroben...	12.767	216	1386409	61.801	ng		98
41) Hexachlorocyclopentadiene	12.749	237	488062	67.309	ng		99
43) 2,4,6-Trichlorophenol	13.008	196	939311	63.717	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.084	196	1066559	64.674	ng		98
46) 1,1'-Biphenyl	13.413	154	3020518	58.620	ng		95
47) 2-Chloronaphthalene	13.455	162	2636369	60.054	ng		96
48) 2-Nitroaniline	13.660	65	782045	68.166	ng		98
49) Acenaphthylene	14.301	152	3738434	59.104	ng		95
50) Dimethylphthalate	14.036	163	3117516	57.655	ng		98
51) 2,6-Dinitrotoluene	14.154	165	729524	64.865	ng		96
52) Acenaphthene	14.641	154	2385636	60.441	ng		99
53) 3-Nitroaniline	14.489	138	695150	65.596	ng		99
54) 2,4-Dinitrophenol	14.688	184	372012	59.189	ng		97
55) Dibenzofuran	14.976	168	3777996	57.142	ng		93
56) 4-Nitrophenol	14.794	139	551748	68.878	ng		99
57) 2,4-Dinitrotoluene	14.941	165	1009512	66.011	ng		99
58) Fluorene	15.628	166	3173841	58.530	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.200	232	903894	62.883	ng		99
60) Diethylphthalate	15.399	149	3060162	59.346	ng		96
61) 4-Chlorophenyl-phenyle...	15.617	204	1700598	60.228	ng		98
62) 4-Nitroaniline	15.658	138	740272	66.258	ng		97
63) Azobenzene	15.910	77	3167350	59.247	ng		95
65) 4,6-Dinitro-2-methylph...	15.705	198	564460	67.234	ng		96
66) n-Nitrosodiphenylamine	15.834	169	2755864	60.953	ng		99
67) 4-Bromophenyl-phenylether	16.516	248	1089365	61.239	ng		99
68) Hexachlorobenzene	16.627	284	1265711	60.686	ng		93
69) Atrazine	16.786	200	1010104	60.787	ng		99
70) Pentachlorophenol	16.974	266	790213	69.188	ng		98
71) Phenanthrene	17.368	178	4582661	55.256	ng		93
72) Anthracene	17.462	178	4634754	56.261	ng	#	90
73) Carbazole	17.732	167	4377252	56.023	ng	#	92
74) Di-n-butylphthalate	18.290	149	4251223	56.146	ng	#	93
75) Fluoranthene	19.383	202	5041156	51.821	ng		88
77) Benzidine	19.565	184	2521810	62.806	ng		98
78) Pyrene	19.747	202	5177890	53.094	ng	#	85
80) Butylbenzylphthalate	20.634	149	1931985	67.186	ng		96
81) Benzo(a)anthracene	21.574	228	5208906	56.471	ng		91
82) 3,3'-Dichlorobenzidine	21.492	252	2121351	63.242	ng		100
83) Chrysene	21.639	228	5012197	55.931	ng	#	89
84) Bis(2-ethylhexyl)phtha...	21.480	149	2850552	65.368	ng		99
85) Di-n-octyl phthalate	22.679	149	4639802	65.000	ng		98
87) Indeno(1,2,3-cd)pyrene	28.402	276	6951138	62.521	ng		99
88) Benzo(b)fluoranthene	23.760	252	5674217	59.875	ng		96
89) Benzo(k)fluoranthene	23.836	252	5778939	60.586	ng		97
90) Benzo(a)pyrene	24.624	252	5287301	61.668	ng		97
91) Dibenzo(a,h)anthracene	28.466	278	5720830	62.624	ng		96
92) Benzo(g,h,i)perylene	29.536	276	5779031	62.455	ng		98

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

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