Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113023\
Data File : BG059919.D
Acq On : 30 Nov 2023 21:19
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 01 03:32:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 03:17:30 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.964	152	30064	20.000	ng		0.00
21) Naphthalene-d8	10.773	136	140661	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	101484	20.000	ng		0.00
64) Phenanthrene-d10	17.353	188	227914	20.000	ng		0.00
76) Chrysene-d12	21.625	240	210552	20.000	ng		0.00
86) Perylene-d12	24.821	264	251279	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.526	112	234378	122.116	ng		0.00
7) Phenol-d6	7.118	99	329326	118.872	ng		0.00
23) Nitrobenzene-d5	9.128	82	321853	133.073	ng		0.00
42) 2,4,6-Tribromophenol	16.096	330	185736	119.255	ng		0.00
45) 2-Fluorobiphenyl	13.229	172	844283	115.716	ng		0.00
79) Terphenyl-d14	19.980	244	1428524	112.819	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	29224m	48.832	ng		
3) Pyridine	3.834	79	94931m	61.556	ng		
4) n-Nitrosodimethylamine	3.746	42	50673	57.457	ng		99
6) Aniline	7.289	93	179780	60.567	ng		97
8) 2-Chlorophenol	7.524	128	130895	60.544	ng		96
10) Phenol	7.148	94	176058	60.703	ng		95
11) bis(2-Chloroethyl)ether	7.389	93	134617	60.203	ng		99
12) 1,3-Dichlorobenzene	7.853	146	140677	59.403	ng		98
13) 1,4-Dichlorobenzene	8.000	146	146182	59.901	ng		95
14) 1,2-Dichlorobenzene	8.317	146	143671	59.751	ng		98
15) Benzyl Alcohol	8.199	79	128587	60.045	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.499	45	255967	60.075	ng		97
17) 2-Methylphenol	8.399	107	120777	60.147	ng		94
18) Hexachloroethane	9.051	117	53040	60.498	ng		97
19) n-Nitroso-di-n-propyla...	8.775	70	116608	59.563	ng		97
20) 3+4-Methylphenols	8.728	107	171213	60.526	ng		99
22) Acetophenone	8.787	105	231145	59.357	ng	#	97
24) Nitrobenzene	9.169	77	170553	64.748	ng		97
25) Isophorone	9.692	82	347779	59.624	ng		99
27) 2,4-Dimethylphenol	9.933	122	100237	59.267	ng		98
28) bis(2-Chloroethoxy)met...	10.179	93	196638	59.549	ng		99
29) 2,4-Dichlorophenol	10.414	162	144143	62.431	ng		98
30) 1,2,4-Trichlorobenzene	10.632	180	162467	60.354	ng		94
31) Naphthalene	10.820	128	471444	59.411	ng		98
32) Benzoic acid	10.080	122	97482m	59.217	ng		
33) 4-Chloroaniline	10.926	127	194656	60.562	ng		99
34) Hexachlorobutadiene	11.108	225	107620	59.597	ng		97
35) Caprolactam	11.713	113	46378	56.530	ng		90
36) 4-Chloro-3-methylphenol	12.042	107	162587	59.075	ng		94
37) 2-Methylnaphthalene	12.430	142	332867	59.262	ng		98
38) 1-Methylnaphthalene	12.647	142	326362	57.424	ng		99
40) 1,2,4,5-Tetrachloroben...	12.794	216	191637	60.600	ng		100
41) Hexachlorocyclopentadiene	12.776	237	77686	64.486	ng		97
43) 2,4,6-Trichlorophenol	13.029	196	126663	61.731	ng		97
44) 2,4,5-Trichlorophenol	13.100	196	142211	61.152	ng		96
46) 1,1'-Biphenyl	13.440	154	447228	58.752	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.481	162	374712	59.532	ng		97
48) 2-Nitroaniline	13.681	65	110830	66.700	ng		99
49) Acenaphthylene	14.328	152	561426	58.071	ng		99
50) Dimethylphthalate	14.063	163	466559	57.301	ng		98
51) 2,6-Dinitrotoluene	14.175	165	94077	60.416	ng		97
52) Acenaphthene	14.668	154	353371	58.837	ng		100
53) 3-Nitroaniline	14.504	138	94402	66.409	ng		97
54) 2,4-Dinitrophenol	14.704	184	38101	59.789	ng		91
55) Dibenzofuran	15.003	168	541505	57.937	ng		99
56) 4-Nitrophenol	14.798	139	74757	64.665	ng		88
57) 2,4-Dinitrotoluene	14.962	165	126527	60.897	ng	#	96
58) Fluorene	15.655	166	425912	56.201	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.221	232	126838	60.003	ng		99
60) Diethylphthalate	15.432	149	464387	56.555	ng		98
61) 4-Chlorophenyl-phenyle...	15.650	204	230798	56.455	ng		96
62) 4-Nitroaniline	15.673	138	96787	63.612	ng		97
63) Azobenzene	15.943	77	448816	58.148	ng		97
65) 4,6-Dinitro-2-methylph...	15.726	198	58456	60.371	ng		98
66) n-Nitrosodiphenylamine	15.861	169	372572	60.679	ng		98
67) 4-Bromophenyl-phenylether	16.543	248	165252	60.706	ng		96
68) Hexachlorobenzene	16.654	284	192103	59.323	ng		98
69) Atrazine	16.813	200	122915	54.596	ng		97
70) Pentachlorophenol	16.995	266	119458	65.215	ng		98
71) Phenanthrene	17.395	178	675731	58.441	ng		99
72) Anthracene	17.489	178	680268	58.323	ng		99
73) Carbazole	17.753	167	625085	57.802	ng		99
74) Di-n-butylphthalate	18.323	149	763037	57.932	ng		98
75) Fluoranthene	19.410	202	844899	57.407	ng		98
77) Benzidine	19.592	184	313281	74.125	ng		98
78) Pyrene	19.774	202	877948	58.460	ng		98
80) Butylbenzylphthalate	20.673	149	328025	61.684	ng		99
81) Benzo(a)anthracene	21.607	228	868377	59.145	ng		99
82) 3,3'-Dichlorobenzidine	21.525	252	287989	60.207	ng		96
83) Chrysene	21.678	228	822773	59.089	ng		99
84) Bis(2-ethylhexyl)phtha...	21.537	149	469968	59.577	ng		99
85) Di-n-octyl phthalate	22.747	149	842461	62.211	ng		100
87) Indeno(1,2,3-cd)pyrene	28.487	276	1148345	61.068	ng		99
88) Benzo(b)fluoranthene	23.816	252	942579	60.002	ng		99
89) Benzo(k)fluoranthene	23.887	252	931847	60.637	ng		99
90) Benzo(a)pyrene	24.680	252	846861	60.649	ng		100
91) Dibenzo(a,h)anthracene	28.558	278	957433	61.064	ng		97
92) Benzo(g,h,i)perylene	29.633	276	961436	61.408	ng		97

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

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