Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120723\
Data File : BG059987.D
Acq On : 7 Dec 2023 15:21
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 08 02:25:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 02:25:30 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.959	152	123557	20.000	ng		# 0.00
21) Naphthalene-d8	10.768	136	452893	20.000	ng		# 0.00
39) Acenaphthene-d10	14.599	164	431032	20.000	ng		0.00
64) Phenanthrene-d10	17.348	188	1417688	20.000	ng		0.00
76) Chrysene-d12	21.620	240	1966871	20.000	ng		0.00
86) Perylene-d12	24.810	264	2287880	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.527	112	772472	115.620	ng		0.00
7) Phenol-d6	7.119	99	1168125	124.356	ng		0.00
23) Nitrobenzene-d5	9.123	82	1294404	126.215	ng		0.00
42) 2,4,6-Tribromophenol	16.085	330	1606829	128.254	ng		0.00
45) 2-Fluorobiphenyl	13.224	172	4268432	118.997	ng		0.00
79) Terphenyl-d14	19.969	244	7459333	79.957	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.441	88	172575	57.111	ng		96
3) Pyridine	3.835	79	513302m	61.227	ng		
4) n-Nitrosodimethylamine	3.747	42	237760	65.422	ng	#	65
6) Aniline	7.284	93	595692	59.489	ng		99
8) 2-Chlorophenol	7.525	128	400966	62.520	ng		94
9) Benzaldehyde	7.096	77	311808	54.431	ng		91
10) Phenol	7.143	94	575684	62.727	ng		96
11) bis(2-Chloroethyl)ether	7.384	93	371902	60.576	ng		100
12) 1,3-Dichlorobenzene	7.848	146	552352	60.922	ng		93
13) 1,4-Dichlorobenzene	7.995	146	565735	63.417	ng		96
14) 1,2-Dichlorobenzene	8.312	146	548515	64.495	ng		93
15) Benzyl Alcohol	8.194	79	530924	63.337	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.494	45	199034	60.195	ng		94
17) 2-Methylphenol	8.394	107	400127	64.503	ng		98
18) Hexachloroethane	9.040	117	182708	63.117	ng		92
19) n-Nitroso-di-n-propyla...	8.770	70	399043	63.045	ng		98
20) 3+4-Methylphenols	8.723	107	551220	62.735	ng		95
22) Acetophenone	8.782	105	815110	61.526	ng	#	99
24) Nitrobenzene	9.164	77	652819	61.622	ng		93
25) Isophorone	9.687	82	1113202	60.345	ng		98
26) 2-Nitrophenol	9.875	139	251290	61.002	ng	#	89
27) 2,4-Dimethylphenol	9.928	122	316652	56.969	ng		94
28) bis(2-Chloroethoxy)met...	10.168	93	529227	60.567	ng		99
29) 2,4-Dichlorophenol	10.403	162	653155	62.370	ng		98
30) 1,2,4-Trichlorobenzene	10.627	180	914113	62.860	ng		95
31) Naphthalene	10.815	128	1395605	60.331	ng		99
32) Benzoic acid	10.086	122	351367m	62.306	ng		
33) 4-Chloroaniline	10.921	127	528899	60.757	ng	#	90
34) Hexachlorobutadiene	11.103	225	997311	62.987	ng		96
35) Caprolactam	11.714	113	140425	58.912	ng	#	83
36) 4-Chloro-3-methylphenol	12.037	107	547287	59.581	ng		90
37) 2-Methylnaphthalene	12.425	142	1198247	59.799	ng		97
38) 1-Methylnaphthalene	12.642	142	1142467	60.024	ng		99
40) 1,2,4,5-Tetrachloroben...	12.789	216	1685226	61.134	ng		98
41) Hexachlorocyclopentadiene	12.765	237	782061	60.717	ng		92
43) 2,4,6-Trichlorophenol	13.024	196	919702	64.377	ng		89

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44) 2,4,5-Trichlorophenol	13.094	196	997041	61.888	ng		95
46) 1,1'-Biphenyl	13.435	154	1908799	60.881	ng		95
47) 2-Chloronaphthalene	13.470	162	1707530	63.256	ng		97
48) 2-Nitroaniline	13.676	65	330953	62.801	ng		96
49) Acenaphthylene	14.322	152	2220282	61.002	ng		98
50) Dimethylphthalate	14.058	163	2051549	59.713	ng		99
51) 2,6-Dinitrotoluene	14.170	165	489754	64.761	ng	#	92
52) Acenaphthene	14.663	154	1646349m	62.393	ng		
53) 3-Nitroaniline	14.499	138	312509	60.421	ng		100
54) 2,4-Dinitrophenol	14.698	184	425966	67.763	ng		96
55) Dibenzofuran	14.998	168	2535899	59.153	ng		97
56) 4-Nitrophenol	14.798	139	259000	59.103	ng	#	89
57) 2,4-Dinitrotoluene	14.957	165	700918	64.721	ng		93
58) Fluorene	15.644	166	2274144	60.884	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.216	232	1099279	60.823	ng		99
60) Diethylphthalate	15.421	149	1877766	60.784	ng		99
61) 4-Chlorophenyl-phenyle...	15.639	204	1906908	60.810	ng		96
62) 4-Nitroaniline	15.668	138	338664	59.104	ng		95
63) Azobenzene	15.932	77	1601280	59.332	ng		98
65) 4,6-Dinitro-2-methylph...	15.721	198	686177	67.899	ng		97
66) n-Nitrosodiphenylamine	15.856	169	2045849	60.738	ng		98
67) 4-Bromophenyl-phenylether	16.537	248	1393594	62.655	ng		97
68) Hexachlorobenzene	16.649	284	1636438	63.253	ng		97
69) Atrazine	16.802	200	798548	54.319	ng		99
70) Pentachlorophenol	16.990	266	1151342	63.578	ng		98
71) Phenanthrene	17.389	178	3821367	58.879	ng		97
72) Anthracene	17.483	178	3901942	59.486	ng		97
73) Carbazole	17.748	167	3103316	58.016	ng	#	93
74) Di-n-butylphthalate	18.318	149	2781129	58.195	ng		98
75) Fluoranthene	19.405	202	5389291	53.035	ng		91
77) Benzidine	19.587	184	1488900	64.521	ng		96
78) Pyrene	19.769	202	5425583	51.500	ng	#	89
80) Butylbenzylphthalate	20.662	149	1094501	58.933	ng		98
81) Benzo(a)anthracene	21.602	228	6408156	51.047	ng	#	87
82) 3,3'-Dichlorobenzidine	21.520	252	2639303	58.965	ng		98
83) Chrysene	21.667	228	6127105	51.700	ng	#	87
84) Bis(2-ethylhexyl)phtha...	21.520	149	1673067	61.200	ng		97
85) Di-n-octyl phthalate	22.730	149	2841312	60.136	ng		100
87) Indeno(1,2,3-cd)pyrene	28.465	276	10147591	60.879	ng	#	100
88) Benzo(b)fluoranthene	23.800	252	7737786	58.121	ng		94
89) Benzo(k)fluoranthene	23.870	252	7415513	57.474	ng		93
90) Benzo(a)pyrene	24.663	252	7190864	59.245	ng	#	94
91) Dibenzo(a,h)anthracene	28.535	278	8492924	60.494	ng		99
92) Benzo(g,h,i)perylene	29.605	276	8384800	61.285	ng		98

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

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