Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042024\
Data File : BG060976.D
Acq On : 20 Apr 2024 20:22
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 22 04:16:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 04:10:09 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.943	152	19823	20.000	ng		0.00
21) Naphthalene-d8	10.740	136	75317	20.000	ng		0.00
39) Acenaphthene-d10	14.570	164	68374	20.000	ng		0.00
64) Phenanthrene-d10	17.320	188	179200	20.000	ng		0.00
76) Chrysene-d12	21.580	240	181359	20.000	ng		0.00
86) Perylene-d12	24.700	264	215153	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	98215	100.219	ng		0.00
7) Phenol-d6	7.109	99	149008	102.477	ng		0.00
23) Nitrobenzene-d5	9.094	82	173104	103.262	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	151855	101.139	ng		0.00
45) 2-Fluorobiphenyl	13.196	172	497055	100.613	ng		0.00
79) Terphenyl-d14	19.941	244	1162321	99.482	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	17027	50.202	ng		97
3) Pyridine	3.836	79	52200	49.791	ng		98
4) n-Nitrosodimethylamine	3.754	42	46960	49.803	ng		99
6) Aniline	7.267	93	88436	50.605	ng		97
8) 2-Chlorophenol	7.508	128	60644	49.664	ng		97
9) Benzaldehyde	7.079	77	36438	48.719	ng		92
10) Phenol	7.138	94	72574	50.237	ng		95
11) bis(2-Chloroethyl)ether	7.367	93	50548	48.906	ng		97
12) 1,3-Dichlorobenzene	7.831	146	67610	49.929	ng		97
13) 1,4-Dichlorobenzene	7.978	146	68127	48.844	ng		92
14) 1,2-Dichlorobenzene	8.295	146	67749	49.701	ng		96
15) Benzyl Alcohol	8.178	79	68185	49.666	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.472	45	110962m	49.306	ng		
17) 2-Methylphenol	8.383	107	59379	50.905	ng		93
18) Hexachloroethane	9.024	117	24985	49.713	ng		99
19) n-Nitroso-di-n-propyla...	8.748	70	54815	50.585	ng		98
20) 3+4-Methylphenols	8.713	107	83279	51.049	ng		98
22) Acetophenone	8.760	105	106041	50.421	ng		97
24) Nitrobenzene	9.141	77	83131	51.607	ng		96
25) Isophorone	9.664	82	139083	49.576	ng		99
26) 2-Nitrophenol	9.847	139	39074	51.612	ng		94
27) 2,4-Dimethylphenol	9.911	122	61753	50.890	ng		91
28) bis(2-Chloroethoxy)met...	10.146	93	73890	50.068	ng		95
29) 2,4-Dichlorophenol	10.381	162	71466	51.028	ng		94
30) 1,2,4-Trichlorobenzene	10.599	180	79745	51.606	ng		97
31) Naphthalene	10.787	128	208585	50.585	ng		99
32) Benzoic acid	10.058	122	50977	55.173	ng	#	78
33) 4-Chloroaniline	10.892	127	95340	50.899	ng		99
34) Hexachlorobutadiene	11.074	225	68272	50.238	ng		98
35) Caprolactam	11.668	113	23624	52.958	ng	#	78
36) 4-Chloro-3-methylphenol	12.015	107	84671	51.837	ng		89
37) 2-Methylnaphthalene	12.396	142	165647	51.093	ng		97
38) 1-Methylnaphthalene	12.614	142	153766	50.825	ng		99
40) 1,2,4,5-Tetrachloroben...	12.761	216	122706	50.500	ng		99
41) Hexachlorocyclopentadiene	12.743	237	74068	51.806	ng		96
43) 2,4,6-Trichlorophenol	13.002	196	80085	50.139	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.072	196	94021	49.763	ng		99
46)	1,1'-Biphenyl	13.407	154	236172	51.279	ng		97
47)	2-Chloronaphthalene	13.448	162	180232	51.039	ng		97
48)	2-Nitroaniline	13.642	65	70874	49.730	ng		94
49)	Acenaphthylene	14.294	152	301659	50.723	ng		99
50)	Dimethylphthalate	14.030	163	283852	50.344	ng		99
51)	2,6-Dinitrotoluene	14.141	165	59171	50.296	ng		98
52)	Acenaphthene	14.635	154	184077	50.939	ng		98
53)	3-Nitroaniline	14.470	138	58176	50.151	ng		98
54)	2,4-Dinitrophenol	14.676	184	37852	51.516	ng		95
55)	Dibenzofuran	14.970	168	314965	50.474	ng		98
56)	4-Nitrophenol	14.788	139	45096	54.262	ng		88
57)	2,4-Dinitrotoluene	14.935	165	85642	50.545	ng	#	97
58)	Fluorene	15.622	166	265348	50.379	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.193	232	97645m	51.105	ng		
60)	Diethylphthalate	15.399	149	279180	50.280	ng		99
61)	4-Chlorophenyl-phenyle...	15.616	204	160890	49.529	ng		99
62)	4-Nitroaniline	15.634	138	63684	50.913	ng		97
63)	Azobenzene	15.910	77	229727	50.866	ng		95
65)	4,6-Dinitro-2-methylph...	15.698	198	59279	53.573	ng		93
66)	n-Nitrosodiphenylamine	15.828	169	245560	49.738	ng		97
67)	4-Bromophenyl-phenylether	16.509	248	118328	50.033	ng		97
68)	Hexachlorobenzene	16.627	284	131390	50.297	ng		98
69)	Atrazine	16.780	200	87683	47.453	ng		97
70)	Pentachlorophenol	16.968	266	90222	52.670	ng		98
71)	Phenanthrene	17.361	178	460602	50.356	ng		98
72)	Anthracene	17.449	178	472999	50.209	ng		100
73)	Carbazole	17.720	167	384980	49.206	ng		98
74)	Di-n-butylphthalate	18.290	149	469724	49.451	ng		99
75)	Fluoranthene	19.371	202	602888	49.665	ng		98
77)	Benzidine	19.553	184	154137	45.869	ng		98
78)	Pyrene	19.735	202	616148	49.896	ng		98
80)	Butylbenzylphthalate	20.634	149	204230	49.620	ng		99
81)	Benzo(a)anthracene	21.562	228	629181	49.345	ng		98
82)	3,3'-Dichlorobenzidine	21.480	252	228224	49.527	ng		99
83)	Chrysene	21.627	228	603753	49.734	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.492	149	298765	49.927	ng		99
85)	Di-n-octyl phthalate	22.679	149	498832	50.210	ng		98
87)	Indeno(1,2,3-cd)pyrene	28.254	276	761000	51.109	ng		100
88)	Benzo(b)fluoranthene	23.718	252	604989	49.619	ng		99
89)	Benzo(k)fluoranthene	23.789	252	619686	50.302	ng		97
90)	Benzo(a)pyrene	24.559	252	590484	50.034	ng		99
91)	Dibenzo(a,h)anthracene	28.313	278	629188	51.598	ng		98
92)	Benzo(g,h,i)perylene	29.359	276	611868	50.606	ng		99

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

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