Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103124\
Data File : BG063132.D
Acq On : 31 Oct 2024 14:09
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 01 04:54:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 01 04:41:50 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.842	152	83421	20.000	ng		0.00
21) Naphthalene-d8	10.633	136	332663	20.000	ng	#	0.00
39) Acenaphthene-d10	14.481	164	256934	20.000	ng		0.00
64) Phenanthrene-d10	17.231	188	622365	20.000	ng		0.00
76) Chrysene-d12	21.485	240	829075	20.000	ng		0.00
86) Perylene-d12	24.522	264	969925	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.433	112	212126	39.430	ng		0.00
7) Phenol-d6	7.019	99	290007	41.136	ng		0.00
23) Nitrobenzene-d5	8.999	82	303953	39.739	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	167060	38.278	ng		0.00
45) 2-Fluorobiphenyl	13.101	172	717878	41.383	ng		0.00
79) Terphenyl-d14	19.857	244	1722394	42.752	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.353	88	43634	20.647	ng		96
3) Pyridine	3.747	79	111833	21.916	ng		96
4) n-Nitrosodimethylamine	3.659	42	60806	19.183	ng	#	96
6) Aniline	7.172	93	135733	21.409	ng		99
8) 2-Chlorophenol	7.413	128	103835	20.783	ng		98
9) Benzaldehyde	6.990	77	96726	22.080	ng		86
10) Phenol	7.043	94	154634	20.475	ng		92
11) bis(2-Chloroethyl)ether	7.272	93	105578	20.727	ng		90
12) 1,3-Dichlorobenzene	7.736	146	124197	20.466	ng		95
13) 1,4-Dichlorobenzene	7.883	146	130638	21.141	ng		94
14) 1,2-Dichlorobenzene	8.194	146	118056	19.820	ng		95
15) Benzyl Alcohol	8.083	79	119912	21.168	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.371	45	197226	21.346	ng		98
17) 2-Methylphenol	8.289	107	99774	20.767	ng		98
18) Hexachloroethane	8.917	117	43641	19.734	ng		87
19) n-Nitroso-di-n-propyla...	8.641	70	102624	20.902	ng		96
20) 3+4-Methylphenols	8.618	107	135184	21.041	ng		91
22) Acetophenone	8.659	105	184453	20.692	ng	#	100
24) Nitrobenzene	9.035	77	170449	20.609	ng		95
25) Isophorone	9.558	82	273189	20.649	ng		96
26) 2-Nitrophenol	9.746	139	58436	19.212	ng		97
27) 2,4-Dimethylphenol	9.810	122	76497	20.457	ng		99
28) bis(2-Chloroethoxy)met...	10.045	93	140574	20.263	ng	#	96
29) 2,4-Dichlorophenol	10.286	162	112878	19.986	ng		93
30) 1,2,4-Trichlorobenzene	10.498	180	142947	20.577	ng		97
31) Naphthalene	10.686	128	362102	20.634	ng		99
32) Benzoic acid	9.928	122	56525m	17.305	ng		
33) 4-Chloroaniline	10.791	127	125504	21.192	ng		95
34) Hexachlorobutadiene	10.974	225	116766	20.423	ng		99
35) Caprolactam	11.544	113	36120	20.025	ng		89
36) 4-Chloro-3-methylphenol	11.920	107	134247	20.631	ng		97
37) 2-Methylnaphthalene	12.296	142	251744	20.223	ng		93
38) 1-Methylnaphthalene	12.513	142	251697	20.542	ng		97
40) 1,2,4,5-Tetrachloroben...	12.666	216	182416	19.758	ng		97
41) Hexachlorocyclopentadiene	12.648	237	52487	17.496	ng		98
43) 2,4,6-Trichlorophenol	12.907	196	107873	19.512	ng		100

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44)	2,4,5-Trichlorophenol	12.983	196	126447	20.805	ng		95
46)	1,1'-Biphenyl	13.312	154	356633	20.451	ng		100
47)	2-Chloronaphthalene	13.353	162	294493	20.164	ng		99
48)	2-Nitroaniline	13.553	65	103222	20.137	ng		93
49)	Acenaphthylene	14.199	152	416282	20.190	ng		96
50)	Dimethylphthalate	13.935	163	372307	20.331	ng		97
51)	2,6-Dinitrotoluene	14.052	165	77857	19.914	ng		96
52)	Acenaphthene	14.546	154	251059	19.668	ng		94
53)	3-Nitroaniline	14.381	138	73263	19.737	ng		98
54)	2,4-Dinitrophenol	14.599	184	42583	17.858	ng		98
55)	Dibenzofuran	14.881	168	457974	20.348	ng		98
56)	4-Nitrophenol	14.699	139	56338	20.046	ng	#	85
57)	2,4-Dinitrotoluene	14.846	165	109864	19.647	ng	#	93
58)	Fluorene	15.527	166	361602	20.274	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.110	232	110772	18.992	ng		95
60)	Diethylphthalate	15.298	149	377199	20.061	ng		97
61)	4-Chlorophenyl-phenyle...	15.521	204	218455	19.706	ng		97
62)	4-Nitroaniline	15.545	138	85874	20.968	ng		88
63)	Azobenzene	15.815	77	395354	20.329	ng		98
65)	4,6-Dinitro-2-methylph...	15.609	198	81018	20.248	ng		93
66)	n-Nitrosodiphenylamine	15.739	169	324963	20.930	ng		97
67)	4-Bromophenyl-phenylether	16.420	248	148944	19.528	ng		92
68)	Hexachlorobenzene	16.538	284	182560	20.661	ng		96
69)	Atrazine	16.690	200	113954	15.966	ng		94
70)	Pentachlorophenol	16.884	266	84898	19.312	ng		92
71)	Phenanthrene	17.272	178	620550	20.568	ng		99
72)	Anthracene	17.360	178	607698	20.521	ng		99
73)	Carbazole	17.630	167	570173	20.454	ng		98
74)	Di-n-butylphthalate	18.195	149	666582	21.061	ng		99
75)	Fluoranthene	19.287	202	931202	21.805	ng		97
77)	Benzidine	19.475	184	318581	24.940	ng		97
78)	Pyrene	19.652	202	983699	20.015	ng		98
80)	Butylbenzylphthalate	20.551	149	320666	20.250	ng		94
81)	Benzo(a)anthracene	21.467	228	1053675	20.182	ng		96
82)	3,3'-Dichlorobenzidine	21.385	252	403604	20.850	ng		95
83)	Chrysene	21.526	228	1000899	20.408	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.385	149	462261	20.123	ng		99
85)	Di-n-octyl phthalate	22.531	149	767732	19.976	ng		100
87)	Indeno(1,2,3-cd)pyrene	27.942	276	1284684	19.735	ng		99
88)	Benzo(b)fluoranthene	23.559	252	1110647	19.641	ng		96
89)	Benzo(k)fluoranthene	23.623	252	1116971	20.704	ng		99
90)	Benzo(a)pyrene	24.376	252	989835	20.054	ng		99
91)	Dibenzo(a,h)anthracene	27.995	278	1081954	19.912	ng		99
92)	Benzo(g,h,i)perylene	29.005	276	1063697	19.804	ng		98

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

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