Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111423\
Data File : BG059685.D
Acq On : 14 Nov 2023 17:22
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 15 07:38:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 07:25:44 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.344	152	27445	20.000	ng		0.00
21) Naphthalene-d8	11.194	136	141714	20.000	ng		0.00
39) Acenaphthene-d10	14.972	164	105198	20.000	ng		0.00
64) Phenanthrene-d10	17.727	188	259040	20.000	ng		0.00
76) Chrysene-d12	22.058	240	343706	20.000	ng		0.00
86) Perylene-d12	25.653	264	381923	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.835	112	16353	10.287	ng		0.00
7) Phenol-d6	7.457	99	22301	9.283	ng		0.00
23) Nitrobenzene-d5	9.543	82	25397	7.704	ng		0.00
42) 2,4,6-Tribromophenol	16.458	330	12123	10.211	ng		0.00
45) 2-Fluorobiphenyl	13.597	172	66398	8.510	ng		0.00
79) Terphenyl-d14	20.301	244	180587	10.840	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.685	88	6989m	7.965	ng		
3) Pyridine	4.102	79	18352	7.120	ng	#	86
6) Aniline	7.674	93	15650	4.902	ng	#	82
8) 2-Chlorophenol	7.886	128	8939	4.972	ng		78
9) Benzaldehyde	7.481	77	8768	5.640	ng	#	61
10) Phenol	7.486	94	11308	4.582	ng		92
11) bis(2-Chloroethyl)ether	7.751	93	8403	5.300	ng	#	67
12) 1,3-Dichlorobenzene	8.227	146	9758	4.937	ng		96
13) 1,4-Dichlorobenzene	8.379	146	11639m	5.611	ng		
14) 1,2-Dichlorobenzene	8.703	146	10167	5.314	ng		88
15) Benzyl Alcohol	8.591	79	11750	4.594	ng	#	69
16) 2,2'-oxybis(1-Chloropr...	8.850	45	3479m	5.833	ng		
17) 2-Methylphenol	8.767	107	9312	5.151	ng	#	77
18) Hexachloroethane	9.431	117	3873	4.901	ng	#	82
19) n-Nitroso-di-n-propyla...	9.143	70	9593	5.183	ng	#	86
20) 3+4-Methylphenols	9.102	107	12042	4.766	ng		86
22) Acetophenone	9.184	105	18027	4.683	ng	#	84
24) Nitrobenzene	9.584	77	12539	4.102	ng		94
25) Isophorone	10.095	82	26160	4.613	ng		96
26) 2-Nitrophenol	10.295	139	4508	3.809	ng	#	75
27) 2,4-Dimethylphenol	10.324	122	9402	3.985	ng	#	70
28) bis(2-Chloroethoxy)met...	10.571	93	10330	4.392	ng	#	77
29) 2,4-Dichlorophenol	10.812	162	9568	4.538	ng	#	72
30) 1,2,4-Trichlorobenzene	11.041	180	9626	4.471	ng	#	82
31) Naphthalene	11.247	128	32759	4.579	ng		96
33) 4-Chloroaniline	11.364	127	15615	4.933	ng	#	83
34) Hexachlorobutadiene	11.482	225	5691	4.106	ng	#	86
35) Caprolactam	12.116	113	3735	4.953	ng	#	68
36) 4-Chloro-3-methylphenol	12.422	107	14658	5.158	ng	#	81
37) 2-Methylnaphthalene	12.821	142	28503m	4.770	ng		
38) 1-Methylnaphthalene	13.039	142	24355	4.437	ng	#	97
40) 1,2,4,5-Tetrachloroben...	13.168	216	12310	4.296	ng	#	92
43) 2,4,6-Trichlorophenol	13.397	196	8880	4.443	ng	#	65
44) 2,4,5-Trichlorophenol	13.473	196	9681	4.229	ng		85
46) 1,1'-Biphenyl	13.814	154	35617	4.349	ng		96
47) 2-Chloronaphthalene	13.867	162	25954	4.511	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48)	2-Nitroaniline	14.079	65	8667	4.433	ng	#	77
49)	Acenaphthylene	14.707	152	44607	4.591	ng		98
50)	Dimethylphthalate	14.414	163	35916	4.477	ng	#	98
51)	2,6-Dinitrotoluene	14.560	165	6804	4.400	ng	#	54
52)	Acenaphthene	15.042	154	27273	4.680	ng		91
53)	3-Nitroaniline	14.889	138	9385	5.196	ng	#	64
54)	2,4-Dinitrophenol	15.089	184	4606	4.431	ng	#	52
55)	Dibenzofuran	15.371	168	42139	4.452	ng	#	94
56)	4-Nitrophenol	15.166	139	6549	4.781	ng	#	56
57)	2,4-Dinitrotoluene	15.330	165	11403	5.015	ng	#	60
58)	Fluorene	16.018	166	37874	4.665	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.577	232	10153	5.155	ng	#	82
60)	Diethylphthalate	15.753	149	39148	4.528	ng		96
61)	4-Chlorophenyl-phenyle...	16.000	204	20222	4.863	ng	#	88
62)	4-Nitroaniline	16.053	138	9299	5.045	ng	#	72
63)	Azobenzene	16.294	77	46027	4.895	ng		94
65)	4,6-Dinitro-2-methylph...	16.082	198	5946	4.029	ng		87
66)	n-Nitrosodiphenylamine	16.223	169	34458m	4.549	ng		
67)	4-Bromophenyl-phenylether	16.899	248	12487	4.582	ng		96
68)	Hexachlorobenzene	16.993	284	11501	4.498	ng		95
69)	Atrazine	17.146	200	13926	5.857	ng		92
70)	Pentachlorophenol	17.345	266	8317	4.391	ng	#	81
71)	Phenanthrene	17.763	178	64585m	4.808	ng		
72)	Anthracene	17.857	178	66937	4.842	ng		97
73)	Carbazole	18.133	167	56257	4.648	ng	#	93
74)	Di-n-butylphthalate	18.638	149	64943	4.622	ng	#	93
75)	Fluoranthene	19.760	202	75327	4.814	ng		95
77)	Benzidine	19.948	184	33758	5.813	ng	#	95
78)	Pyrene	20.125	202	74602	3.733	ng		98
80)	Butylbenzylphthalate	20.988	149	40415	4.440	ng	#	76
81)	Benzo(a)anthracene	22.040	228	112863	4.816	ng	#	92
82)	3,3'-Dichlorobenzidine	21.946	252	41875	4.880	ng		90
83)	Chrysene	22.110	228	102951m	4.624	ng		
84)	Bis(2-ethylhexyl)phtha...	21.870	149	59583	4.360	ng		99
85)	Di-n-octyl phthalate	23.203	149	106756	4.778	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	29.807	276	129248m	4.810	ng		
88)	Benzo(b)fluoranthene	24.484	252	103683	4.473	ng	#	96
89)	Benzo(k)fluoranthene	24.566	252	112299	4.839	ng	#	95
90)	Benzo(a)pyrene	25.471	252	110567	4.935	ng	#	91
91)	Dibenzo(a,h)anthracene	29.913	278	106812	4.639	ng	#	93
92)	Benzo(g,h,i)perylene	31.129	276	106036	4.797	ng	#	94

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

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