Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
Data File : BG057588.D
Acq On : 26 May 2023 17:42
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 26 23:31:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 23:28:38 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.349	152	13977	20.000	ng		0.00
21) Naphthalene-d8	11.186	136	60239	20.000	ng	#	0.00
39) Acenaphthene-d10	14.969	164	45671	20.000	ng		0.00
64) Phenanthrene-d10	17.707	188	128116	20.000	ng		0.00
76) Chrysene-d12	22.019	240	137837	20.000	ng		0.00
86) Perylene-d12	25.526	264	147240	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.876	112	8455	10.509	ng		0.01
7) Phenol-d6	7.497	99	12697	10.084	ng		0.00
23) Nitrobenzene-d5	9.530	82	12383	9.609	ng		0.00
42) 2,4,6-Tribromophenol	16.456	330	6814	9.319	ng		0.00
45) 2-Fluorobiphenyl	13.589	172	33402	10.511	ng		0.00
79) Terphenyl-d14	20.274	244	82538	10.373	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.661	88	2026	6.078	ng	#	89
3) Pyridine	4.102	79	5055m	4.958	ng		
4) n-Nitrosodimethylamine	4.002	42	2172	5.268	ng	#	78
6) Aniline	7.662	93	7557	4.961	ng		93
8) 2-Chlorophenol	7.908	128	4634	5.365	ng		91
9) Benzaldehyde	7.480	77	4496	5.390	ng		89
10) Phenol	7.527	94	5824	4.887	ng		91
11) bis(2-Chloroethyl)ether	7.750	93	4702	5.284	ng		89
12) 1,3-Dichlorobenzene	8.237	146	4857	5.278	ng		94
13) 1,4-Dichlorobenzene	8.384	146	4859m	5.190	ng		
14) 1,2-Dichlorobenzene	8.713	146	4863	5.326	ng		97
15) Benzyl Alcohol	8.596	79	4546m	4.694	ng		
16) 2,2'-oxybis(1-Chloropr...	8.860	45	5749	5.203	ng		94
17) 2-Methylphenol	8.795	107	4437	5.070	ng	#	90
18) Hexachloroethane	9.448	117	1586	4.948	ng		99
19) n-Nitroso-di-n-propyla...	9.154	70	4553	5.205	ng	#	98
20) 3+4-Methylphenols	9.136	107	6075	4.945	ng		90
22) Acetophenone	9.183	105	8057	5.002	ng	#	93
24) Nitrobenzene	9.571	77	6203	4.742	ng		97
25) Isophorone	10.088	82	11961	4.722	ng		97
26) 2-Nitrophenol	10.299	139	2541	4.531	ng		97
27) 2,4-Dimethylphenol	10.340	122	4421	4.559	ng	#	82
28) bis(2-Chloroethoxy)met...	10.564	93	6330	4.820	ng		98
29) 2,4-Dichlorophenol	10.857	162	4912	4.823	ng		95
30) 1,2,4-Trichlorobenzene	11.045	180	5564	5.013	ng		97
31) Naphthalene	11.239	128	15750	4.943	ng		98
33) 4-Chloroaniline	11.357	127	6797	4.638	ng	#	92
34) Hexachlorobutadiene	11.509	225	3791	4.938	ng	#	83
35) Caprolactam	12.097	113	2032	4.813	ng	#	85
36) 4-Chloro-3-methylphenol	12.461	107	5372	4.456	ng		88
37) 2-Methylnaphthalene	12.819	142	11732	4.691	ng		97
38) 1-Methylnaphthalene	13.037	142	11924m	5.008	ng		
40) 1,2,4,5-Tetrachloroben...	13.184	216	7540	5.030	ng		99
43) 2,4,6-Trichlorophenol	13.425	196	4337m	4.596	ng		
44) 2,4,5-Trichlorophenol	13.518	196	5208	4.633	ng	#	94
46) 1,1'-Biphenyl	13.806	154	16839	5.159	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	13.859	162	12260	4.986	ng		94
48)	2-Nitroaniline	14.059	65	4026	4.675	ng		99
49)	Acenaphthylene	14.693	152	21042	5.054	ng		98
50)	Dimethylphthalate	14.400	163	19550	5.194	ng		99
51)	2,6-Dinitrotoluene	14.535	165	3760	4.666	ng	#	83
52)	Acenaphthene	15.028	154	13062	5.127	ng		91
53)	3-Nitroaniline	14.881	138	3940	4.688	ng	#	99
55)	Dibenzofuran	15.363	168	22297	5.122	ng		96
57)	2,4-Dinitrotoluene	15.334	165	5703	4.727	ng	#	95
58)	Fluorene	16.009	166	18675	5.081	ng		93
59)	2,3,4,6-Tetrachlorophenol	15.604	232	4807	4.565	ng	#	95
60)	Diethylphthalate	15.745	149	20469	5.210	ng		98
61)	4-Chlorophenyl-phenyle...	15.986	204	10146	4.953	ng		98
62)	4-Nitroaniline	16.033	138	4090	4.511	ng		96
63)	Azobenzene	16.279	77	17269	4.942	ng		98
66)	n-Nitrosodiphenylamine	16.203	169	16594	4.983	ng		96
67)	4-Bromophenyl-phenylether	16.885	248	6823	4.748	ng		96
68)	Hexachlorobenzene	17.014	284	7418	5.007	ng		98
69)	Atrazine	17.131	200	7832	5.478	ng		90
71)	Phenanthrene	17.754	178	33493	5.109	ng		99
72)	Anthracene	17.842	178	34200	5.085	ng		99
73)	Carbazole	18.112	167	31769	5.280	ng		97
74)	Di-n-butylphthalate	18.623	149	39447	5.523	ng	#	97
75)	Fluoranthene	19.739	202	46530	5.467	ng		99
77)	Benzidine	19.910	184	20786	4.983	ng		98
78)	Pyrene	20.104	202	48114	4.902	ng		99
80)	Butylbenzylphthalate	20.950	149	17599	4.924	ng		97
81)	Benzo(a)anthracene	21.995	228	47823	5.001	ng		99
82)	3,3'-Dichlorobenzidine	21.895	252	17655	5.007	ng	#	98
83)	Chrysene	22.066	228	45789	5.067	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.837	149	25891	5.078	ng		95
85)	Di-n-octyl phthalate	23.129	149	42935	5.080	ng	#	98
87)	Indeno(1,2,3-cd)pyrene	29.579	276	51268	4.994	ng	#	92
88)	Benzo(b)fluoranthene	24.398	252	45010	4.966	ng		100
89)	Benzo(k)fluoranthene	24.474	252	45919	5.020	ng		97
90)	Benzo(a)pyrene	25.355	252	44013	4.980	ng	#	99
91)	Dibenzo(a,h)anthracene	29.626	278	42006	4.917	ng		96
92)	Benzo(g,h,i)perylene	30.848	276	40296	4.836	ng		98

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

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