Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111321\
Data File : BG051025.D
Acq On : 13 Nov 2021 16:04
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 15 03:14:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:13:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.230	152	39197	20.000	ng	#	0.00
21) Naphthalene-d8	11.056	136	167170	20.000	ng	#	0.00
39) Acenaphthene-d10	14.851	164	108077	20.000	ng		0.00
64) Phenanthrene-d10	17.601	188	241035	20.000	ng	#	0.00
76) Chrysene-d12	21.896	240	217303	20.000	ng	#	0.00
86) Perylene-d12	25.304	264	217744	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.762	112	31142	11.882	ng		0.00
7) Phenol-d6	7.372	99	42263	11.138	ng		0.00
23) Nitrobenzene-d5	9.399	82	43188	10.695	ng		0.00
42) 2,4,6-Tribromophenol	16.338	330	11696	11.346	ng		0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	20.186	244	146650	13.152	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.617	88	7891	5.813	ng	#	90
3) Pyridine	4.040	79	19385	5.228	ng		95
4) n-Nitrosodimethylamine	3.946	42	8731	4.996	ng	#	44
6) Aniline	7.542	93	25247	5.727	ng	#	93
8) 2-Chlorophenol	7.783	128	16161	6.404	ng		89
10) Phenol	7.401	94	22326	6.051	ng		79
11) bis(2-Chloroethyl)ether	7.636	93	17590	6.108	ng		88
12) 1,3-Dichlorobenzene	8.118	146	17775m	6.102	ng		
13) 1,4-Dichlorobenzene	8.259	146	17031	5.799	ng		98
14) 1,2-Dichlorobenzene	8.582	146	17809	6.349	ng		95
15) Benzyl Alcohol	8.465	79	15968	5.325	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.747	45	27801	5.920	ng		84
17) 2-Methylphenol	8.664	107	14487	5.968	ng	#	86
18) Hexachloroethane	9.317	117	6736	6.060	ng		87
19) n-Nitroso-di-n-propyla...	9.029	70	16147	5.838	ng	#	85
20) 3+4-Methylphenols	8.993	107	19818	5.800	ng		92
22) Acetophenone	9.058	105	27930	5.877	ng	#	93
24) Nitrobenzene	9.446	77	21611	5.382	ng		95
25) Isophorone	9.969	82	39212	5.474	ng	#	93
26) 2-Nitrophenol	10.163	139	8283	5.618	ng	#	88
27) 2,4-Dimethylphenol	10.204	122	12974	5.093	ng		96
28) bis(2-Chloroethoxy)met...	10.439	93	24054	5.873	ng		97
29) 2,4-Dichlorophenol	10.703	162	13995	5.390	ng		98
30) 1,2,4-Trichlorobenzene	10.909	180	16262	5.514	ng		97
31) Naphthalene	11.103	128	53445	5.973	ng		97
32) Benzoic acid	10.298	122	9019m	4.771	ng		
33) 4-Chloroaniline	11.214	127	20880	5.562	ng	#	92
34) Hexachlorobutadiene	11.373	225	10238	5.529	ng		94
35) Caprolactam	11.984	113	3621	3.644	ng	#	73
36) 4-Chloro-3-methylphenol	12.313	107	17187	5.296	ng		94
37) 2-Methylnaphthalene	12.695	142	35029	5.674	ng		91
38) 1-Methylnaphthalene	12.912	142	33904	5.663	ng		92
40) 1,2,4,5-Tetrachloroben...	13.053	216	18343	5.747	ng		98
43) 2,4,6-Trichlorophenol	13.288	196	12132	5.394	ng		96
44) 2,4,5-Trichlorophenol	13.371	196	13366	5.684	ng		97
46) 1,1'-Biphenyl	13.688	154	47505	6.026	ng		93

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	13.735	162	36818	6.082	ng		94
48)	2-Nitroaniline	13.941	65	13323	5.533	ng		88
49)	Acenaphthylene	14.581	152	58875	5.936	ng		95
50)	Dimethylphthalate	14.293	163	50231	6.149	ng		97
51)	2,6-Dinitrotoluene	14.422	165	9887	6.042	ng	#	82
52)	Acenaphthene	14.916	154	34336	5.387	ng		96
53)	3-Nitroaniline	14.757	138	10876	5.619	ng	#	83
55)	Dibenzofuran	15.251	168	58256	5.910	ng		96
56)	4-Nitrophenol	15.063	139	7743	4.973	ng	#	71
57)	2,4-Dinitrotoluene	15.210	165	13541	5.871	ng		96
58)	Fluorene	15.897	166	46030	6.080	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.474	232	10630	5.190	ng	#	95
60)	Diethylphthalate	15.645	149	53213	6.200	ng		97
61)	4-Chlorophenyl-phenyle...	15.880	204	24688	5.959	ng		94
62)	4-Nitroaniline	15.921	138	11692	5.806	ng	#	61
63)	Azobenzene	16.173	77	55514	5.587	ng		80
65)	4,6-Dinitro-2-methylph...	15.979	198	7074	4.886	ng		88
66)	n-Nitrosodiphenylamine	16.097	169	39825	5.815	ng		96
67)	4-Bromophenyl-phenylether	16.778	248	14311	5.892	ng		96
68)	Hexachlorobenzene	16.902	284	14244	5.901	ng		96
69)	Atrazine	17.037	200	9807	3.635	ng		96
70)	Pentachlorophenol	17.249	266	6295	3.831	ng	#	87
71)	Phenanthrene	17.642	178	76766	6.044	ng		97
72)	Anthracene	17.730	178	77009	6.101	ng		97
73)	Carbazole	18.001	167	76741	6.100	ng		100
74)	Di-n-butylphthalate	18.529	149	91497	6.198	ng	#	96
75)	Fluoranthene	19.640	202	94264	6.037	ng		94
78)	Pyrene	20.004	202	96899	6.285	ng		98
80)	Butylbenzylphthalate	20.868	149	39840	6.109	ng		97
81)	Benzo(a)anthracene	21.873	228	87642	6.095	ng		99
82)	3,3'-Dichlorobenzidine	21.779	252	39126	8.211	ng	#	89
83)	Chrysene	21.943	228	82411	6.093	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.743	149	56438	6.091	ng	#	95
85)	Di-n-octyl phthalate	23.012	149	95326	6.168	ng	#	100
87)	Indeno(1,2,3-cd)pyrene	29.211	276	87933	5.798	ng	#	67
88)	Benzo(b)fluoranthene	24.211	252	77892	5.841	ng	#	92
89)	Benzo(k)fluoranthene	24.281	252	78865	6.012	ng	#	95
90)	Benzo(a)pyrene	25.139	252	65711	5.796	ng	#	94
91)	Dibenzo(a,h)anthracene	29.276	278	72463	5.777	ng	#	94
92)	Benzo(g,h,i)perylene	30.439	276	70642	5.750	ng	#	90

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

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