Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
Data File : BG051124.D
Acq On : 19 Nov 2021 14:18
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 19 15:22:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 13:43:23 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2021
Supervised By :Sohil Jodhani 11/30/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.211	152	27270	20.000	ng		0.00
21) Naphthalene-d8	11.037	136	116127	20.000	ng	#	0.00
39) Acenaphthene-d10	14.839	164	82374	20.000	ng		0.00
64) Phenanthrene-d10	17.588	188	188089	20.000	ng	#	0.00
76) Chrysene-d12	21.883	240	170792	20.000	ng	#	0.00
86) Perylene-d12	25.285	264	174662	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.749	112	189635	104.025	ng		0.00
7) Phenol-d6	7.365	99	269148	104.603	ng		0.00
23) Nitrobenzene-d5	9.386	82	278861	106.299	ng		0.00
42) 2,4,6-Tribromophenol	16.331	330	100205	121.558	ng		0.00
45) 2-Fluorobiphenyl	13.458	172	581930	111.621	ng		0.00
79) Terphenyl-d14	20.174	244	982635	109.563	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.587	88	39658	44.898	ng		94
3) Pyridine	4.004	79	120264m	49.690	ng		
4) n-Nitrosodimethylamine	3.922	42	51744	48.198	ng	#	37
6) Aniline	7.530	93	160868	52.495	ng		96
8) 2-Chlorophenol	7.771	128	99042	52.895	ng		92
10) Phenol	7.394	94	137673	52.099	ng	#	80
11) bis(2-Chloroethyl)ether	7.618	93	102263	50.223	ng		89
12) 1,3-Dichlorobenzene	8.100	146	105942	51.949	ng		93
13) 1,4-Dichlorobenzene	8.246	146	107958	52.595	ng		97
14) 1,2-Dichlorobenzene	8.564	146	103491	51.913	ng		96
15) Benzyl Alcohol	8.446	79	109616	54.163	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.728	45	147330	45.138	ng		89
17) 2-Methylphenol	8.652	107	93554	53.171	ng	#	90
18) Hexachloroethane	9.298	117	40759	52.312	ng		98
19) n-Nitroso-di-n-propyla...	9.016	70	98451	51.777	ng		87
20) 3+4-Methylphenols	8.987	107	133487	53.763	ng		94
22) Acetophenone	9.040	105	172653	53.493	ng		92
24) Nitrobenzene	9.433	77	135199	52.274	ng		93
25) Isophorone	9.950	82	252159	53.181	ng	#	93
26) 2-Nitrophenol	10.144	139	63535	57.800	ng	#	88
27) 2,4-Dimethylphenol	10.191	122	92351	55.119	ng		91
28) bis(2-Chloroethoxy)met...	10.426	93	146914	52.126	ng		93
29) 2,4-Dichlorophenol	10.685	162	104656	58.421	ng		94
30) 1,2,4-Trichlorobenzene	10.896	180	115269	57.436	ng		95
31) Naphthalene	11.090	128	333437	53.473	ng		99
32) Benzoic acid	10.362	122	72139	55.866	ng		81
33) 4-Chloroaniline	11.196	127	146703	55.685	ng		94
34) Hexachlorobutadiene	11.355	225	71642	58.667	ng		95
35) Caprolactam	11.983	113	27290	56.029	ng	#	70
36) 4-Chloro-3-methylphenol	12.306	107	128636	57.555	ng	#	94
37) 2-Methylnaphthalene	12.677	142	237637	56.083	ng		93
38) 1-Methylnaphthalene	12.894	142	229752	55.485	ng		92
40) 1,2,4,5-Tetrachloroben...	13.041	216	136980	57.081	ng		96
41) Hexachlorocyclopentadiene	13.006	237	38984	47.703	ng		95
43) 2,4,6-Trichlorophenol	13.282	196	97137	56.734	ng		95
44) 2,4,5-Trichlorophenol	13.358	196	103505	56.684	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.675	154	319181	53.063	ng		97
47) 2-Chloronaphthalene	13.722	162	252654	53.569	ng		97
48) 2-Nitroaniline	13.928	65	93505	51.772	ng		88
49) Acenaphthylene	14.568	152	404652	53.049	ng		96
50) Dimethylphthalate	14.286	163	344510	53.155	ng		99
51) 2,6-Dinitrotoluene	14.416	165	72498	54.350	ng	#	81
52) Acenaphthene	14.903	154	236573	53.227	ng		94
53) 3-Nitroaniline	14.751	138	83075	53.289	ng		94
54) 2,4-Dinitrophenol	14.962	184	43460	59.579	ng	#	81
55) Dibenzofuran	15.238	168	404950	53.567	ng		96
56) 4-Nitrophenol	15.062	139	62041	52.021	ng	#	70
57) 2,4-Dinitrotoluene	15.209	165	107425	56.760	ng	#	87
58) Fluorene	15.885	166	319645	54.167	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.462	232	90476	58.178	ng	#	97
60) Diethylphthalate	15.632	149	358238	52.675	ng		97
61) 4-Chlorophenyl-phenyle...	15.867	204	177727	55.759	ng		97
62) 4-Nitroaniline	15.914	138	86843	53.590	ng	#	62
63) Azobenzene	16.161	77	363475	50.433	ng		82
65) 4,6-Dinitro-2-methylph...	15.973	198	70063	60.210	ng		89
66) n-Nitrosodiphenylamine	16.084	169	292065	54.069	ng		97
67) 4-Bromophenyl-phenylether	16.760	248	113217	57.465	ng		98
68) Hexachlorobenzene	16.889	284	112499	58.010	ng		97
69) Atrazine	17.024	200	71729	53.408	ng		98
70) Pentachlorophenol	17.236	266	59730	54.274	ng		97
71) Phenanthrene	17.630	178	541521	53.975	ng		97
72) Anthracene	17.724	178	535558	53.673	ng		98
73) Carbazole	17.994	167	525436	53.172	ng		99
74) Di-n-butylphthalate	18.517	149	634734	54.214	ng	#	97
75) Fluoranthene	19.627	202	659336	53.567	ng		96
77) Benzidine	19.803	184	135009m	41.820	ng		
78) Pyrene	19.991	202	666949	52.053	ng		98
80) Butylbenzylphthalate	20.849	149	287821	52.261	ng		98
81) Benzo(a)anthracene	21.866	228	630411	53.755	ng		99
82) 3,3'-Dichlorobenzidine	21.772	252	284050	52.960	ng	#	97
83) Chrysene	21.936	228	595124	53.794	ng		97
84) Bis(2-ethylhexyl)phtha...	21.725	149	407629	52.564	ng		98
85) Di-n-octyl phthalate	22.988	149	671265	51.422	ng		99
87) Indeno(1,2,3-cd)pyrene	29.204	276	687221	55.433	ng	#	90
88) Benzo(b)fluoranthene	24.198	252	599997	54.574	ng	#	93
89) Benzo(k)fluoranthene	24.269	252	584422	53.298	ng	#	97
90) Benzo(a)pyrene	25.121	252	515108	54.880	ng	#	94
91) Dibenzo(a,h)anthracene	29.269	278	560632	54.926	ng	#	93
92) Benzo(g,h,i)perylene	30.444	276	557778	55.529	ng	#	92

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

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