Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111321\
Data File : BG051026.D
Acq On : 13 Nov 2021 16:45
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 15 03:21:31 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 :
SSTDICC010

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	8.224	152	38755	20.000	ng		0.00
21) Naphthalene-d8	11.056	136	169531	20.000	ng	#	0.00
39) Acenaphthene-d10	14.852	164	113075	20.000	ng		0.00
64) Phenanthrene-d10	17.595	188	252112	20.000	ng	#	0.00
76) Chrysene-d12	21.896	240	219035	20.000	ng	#	0.00
86) Perylene-d12	25.298	264	218955	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.762	112	57544	22.206	ng		0.00
7) Phenol-d6	7.372	99	82632	22.024	ng		0.00
23) Nitrobenzene-d5	9.399	82	84440	20.618	ng		0.00
42) 2,4,6-Tribromophenol	16.338	330	23864	22.126	ng		0.00
45) 2-Fluorobiphenyl	13.471	172	171374	22.810	ng		0.00
79) Terphenyl-d14	20.186	244	276664	24.616	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.618	88	13189	9.827	ng		95
3) Pyridine	4.035	79	37361	10.190	ng		92
4) n-Nitrosodimethylamine	3.947	42	17016	9.848	ng	#	42
6) Aniline	7.548	93	48429	11.110	ng		97
8) 2-Chlorophenol	7.789	128	30116	12.070	ng		93
9) Benzaldehyde	7.360	77	30492	11.013	ng		90
10) Phenol	7.401	94	41661	11.420	ng	#	80
11) bis(2-Chloroethyl)ether	7.631	93	33217	11.667	ng		93
12) 1,3-Dichlorobenzene	8.112	146	32068	11.134	ng		95
13) 1,4-Dichlorobenzene	8.259	146	32881	11.324	ng		93
14) 1,2-Dichlorobenzene	8.582	146	31594	11.392	ng		95
15) Benzyl Alcohol	8.465	79	31058	10.475	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.747	45	51357	11.060	ng		88
17) 2-Methylphenol	8.665	107	27482	11.450	ng	#	90
18) Hexachloroethane	9.317	117	12607	11.472	ng		96
19) n-Nitroso-di-n-propyla...	9.029	70	30808	11.266	ng	#	89
20) 3+4-Methylphenols	8.994	107	38715	11.459	ng		95
22) Acetophenone	9.058	105	52219	10.834	ng	#	95
24) Nitrobenzene	9.440	77	41834	10.273	ng		94
25) Isophorone	9.963	82	75968	10.458	ng	#	94
26) 2-Nitrophenol	10.157	139	17420	11.650	ng	#	85
27) 2,4-Dimethylphenol	10.204	122	25653	9.930	ng		94
28) bis(2-Chloroethoxy)met...	10.439	93	46103	11.100	ng		95
29) 2,4-Dichlorophenol	10.698	162	28152	10.692	ng		94
30) 1,2,4-Trichlorobenzene	10.909	180	32001	10.699	ng		95
31) Naphthalene	11.103	128	101114	11.143	ng		99
32) Benzoic acid	10.304	122	15751	8.215	ng		81
33) 4-Chloroaniline	11.215	127	42235	11.093	ng	#	94
34) Hexachlorobutadiene	11.373	225	19474	10.371	ng		90
35) Caprolactam	11.996	113	7430	7.373	ng	#	79
36) 4-Chloro-3-methylphenol	12.313	107	35228	10.704	ng	#	87
37) 2-Methylnaphthalene	12.695	142	69094	11.035	ng		93
38) 1-Methylnaphthalene	12.913	142	68497	11.282	ng		99
40) 1,2,4,5-Tetrachloroben...	13.054	216	36786	11.017	ng		98
41) Hexachlorocyclopentadiene	13.024	237	8452	4.380	ng		95
43) 2,4,6-Trichlorophenol	13.289	196	25419	10.803	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.371	196	27397	11.137	ng		92
46) 1,1'-Biphenyl	13.688	154	92886	11.262	ng		94
47) 2-Chloronaphthalene	13.735	162	73111	11.544	ng		97
48) 2-Nitroaniline	13.941	65	26218	10.407	ng		94
49) Acenaphthylene	14.575	152	118870	11.455	ng		94
50) Dimethylphthalate	14.293	163	101822	11.913	ng		96
51) 2,6-Dinitrotoluene	14.423	165	20363	11.895	ng		86
52) Acenaphthene	14.916	154	68278	10.239	ng		94
53) 3-Nitroaniline	14.758	138	23146	11.430	ng		86
54) 2,4-Dinitrophenol	14.975	184	7899	7.438	ng		84
55) Dibenzofuran	15.251	168	117489	11.392	ng	#	91
56) 4-Nitrophenol	15.057	139	17430	10.701	ng	#	68
57) 2,4-Dinitrotoluene	15.210	165	27845	11.540	ng	#	92
58) Fluorene	15.897	166	90816	11.465	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.474	232	23068m	10.765	ng		
60) Diethylphthalate	15.645	149	104467	11.633	ng		96
61) 4-Chlorophenyl-phenyle...	15.880	204	48222	11.126	ng		96
62) 4-Nitroaniline	15.915	138	24004	11.394	ng	#	57
63) Azobenzene	16.173	77	111593	10.735	ng		81
65) 4,6-Dinitro-2-methylph...	15.974	198	16019	10.579	ng		89
66) n-Nitrosodiphenylamine	16.091	169	81839	11.424	ng		98
67) 4-Bromophenyl-phenylether	16.779	248	29120	11.462	ng		95
68) Hexachlorobenzene	16.896	284	29273	11.594	ng		97
69) Atrazine	17.037	200	20193	7.156	ng		99
70) Pentachlorophenol	17.243	266	14019	8.156	ng		98
71) Phenanthrene	17.642	178	153284	11.538	ng		96
72) Anthracene	17.730	178	152366	11.541	ng		98
73) Carbazole	18.001	167	151374	11.505	ng		99
74) Di-n-butylphthalate	18.530	149	176076	11.403	ng	#	96
75) Fluoranthene	19.640	202	180741	11.067	ng		93
77) Benzidine	19.816	184	49612	6.988	ng		97
78) Pyrene	20.004	202	184712	11.886	ng		98
80) Butylbenzylphthalate	20.862	149	77797	11.835	ng		97
81) Benzo(a)anthracene	21.873	228	167043	11.526	ng		98
82) 3,3'-Dichlorobenzidine	21.785	252	75898	15.801	ng	#	98
83) Chrysene	21.943	228	158778	11.647	ng		97
84) Bis(2-ethylhexyl)phtha...	21.743	149	109741	11.750	ng	#	96
85) Di-n-octyl phthalate	23.013	149	186358	11.963	ng		99
87) Indeno(1,2,3-cd)pyrene	29.205	276	168720	11.063	ng	#	93
88) Benzo(b)fluoranthene	24.205	252	150372	11.214	ng	#	93
89) Benzo(k)fluoranthene	24.282	252	156539	11.866	ng	#	95
90) Benzo(a)pyrene	25.134	252	128993	11.314	ng	#	95
91) Dibenzo(a,h)anthracene	29.270	278	141712	11.235	ng	#	92
92) Benzo(g,h,i)perylene	30.433	276	136505	11.049	ng	#	88

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

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