Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030321\
Data File : BG048314.D
Acq On : 3 Mar 2021 15:19
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 03 18:17:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 03 16:40:27 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/4/2021 11:31:08 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.102	152	35818	20.00	ng	#	0.00
21) Naphthalene-d8	10.922	136	143953	20.00	ng	#	0.00
39) Acenaphthene-d10	14.736	164	113927	20.00	ng		0.00
64) Phenanthrene-d10	17.485	188	286295	20.00	ng	#	0.00
76) Chrysene-d12	21.768	240	292891	20.00	ng	#	0.00
86) Perylene-d12	25.065	264	288012	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	166305	79.03	ng		0.00
7) Phenol-d6	7.315	99	258102	80.73	ng		0.00
23) Nitrobenzene-d5	9.283	82	292151	85.85	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	146387	80.33	ng		0.00
45) 2-Fluorobiphenyl	13.361	172	656179	80.75	ng		0.00
79) Terphenyl-d14	20.082	244	1247125	77.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.537	88	35468	36.78	ng	#	95
3) Pyridine	3.942	79	108863	40.84	ng		87
4) n-Nitrosodimethylamine	3.860	42	67379	47.61	ng	#	57
6) Aniline	7.438	93	153292	40.13	ng		91
8) 2-Chlorophenol	7.685	128	93290	40.36	ng		87
9) Benzaldehyde	7.244	77	77339	34.15	ng	#	79
10) Phenol	7.338	94	132194	40.90	ng	#	68
11) bis(2-Chloroethyl)ether	7.526	93	93002	36.93	ng		91
12) 1,3-Dichlorobenzene	7.990	146	105471	39.50	ng	#	87
13) 1,4-Dichlorobenzene	8.143	146	103243	38.34	ng	#	92
14) 1,2-Dichlorobenzene	8.460	146	101729m	39.73	ng		
15) Benzyl Alcohol	8.361	79	122899	43.62	ng	#	80
16) 2,2'-oxybis(1-Chloropr...	8.631	45	135188	41.40	ng		91
17) 2-Methylphenol	8.584	107	84077	39.89	ng	#	79
18) Hexachloroethane	9.183	117	41893	40.81	ng		90
19) n-Nitroso-di-n-propyla...	8.919	70	109928	44.55	ng	#	94
20) 3+4-Methylphenols	8.919	107	122777	41.80	ng	#	70
22) Acetophenone	8.936	105	173357	41.95	ng	#	84
24) Nitrobenzene	9.324	77	157899	43.49	ng	#	81
25) Isophorone	9.841	82	276832	41.02	ng	#	92
26) 2-Nitrophenol	10.041	139	62266	41.46	ng	#	58
27) 2,4-Dimethylphenol	10.112	122	89354	41.33	ng		86
28) bis(2-Chloroethoxy)met...	10.323	93	132261	40.09	ng	#	98
29) 2,4-Dichlorophenol	10.593	162	114836	41.53	ng		98
30) 1,2,4-Trichlorobenzene	10.781	180	129454	41.18	ng		99
31) Naphthalene	10.975	128	319453	40.20	ng		100
32) Benzoic acid	10.288	122	40709	27.30	ng	#	70
33) 4-Chloroaniline	11.099	127	139082	40.35	ng	#	87
34) Hexachlorobutadiene	11.240	225	99254	42.22	ng		99
35) Caprolactam	11.880	113	37131	40.54	ng		95
36) 4-Chloro-3-methylphenol	12.244	107	126304	41.32	ng		86
37) 2-Methylnaphthalene	12.573	142	255569	41.36	ng	#	92
38) 1-Methylnaphthalene	12.791	142	235619	40.31	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.938	216	166512	40.92	ng	#	97
41) Hexachlorocyclopentadiene	12.902	237	98075	39.52	ng		99
43) 2,4,6-Trichlorophenol	13.190	196	118092	40.39	ng		97

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44) 2,4,5-Trichlorophenol	13.284	196	123400	39.13	ng	#	92
46) 1,1'-Biphenyl	13.572	154	321524	39.39	ng		99
47) 2-Chloronaphthalene	13.619	162	276114	39.75	ng		97
48) 2-Nitroaniline	13.842	65	109719	44.01	ng	#	73
49) Acenaphthylene	14.465	152	422254	39.30	ng		98
50) Dimethylphthalate	14.189	163	373080	39.16	ng		96
51) 2,6-Dinitrotoluene	14.324	165	85827	40.09	ng	#	56
52) Acenaphthene	14.800	154	256112	35.21	ng		97
53) 3-Nitroaniline	14.671	138	79725	37.92	ng	#	75
54) 2,4-Dinitrophenol	14.882	184	46636	33.47	ng	#	56
55) Dibenzofuran	15.135	168	450137	39.57	ng		95
56) 4-Nitrophenol	15.029	139	57357	33.28	ng	#	30
57) 2,4-Dinitrotoluene	15.117	165	123255	39.86	ng	#	56
58) Fluorene	15.787	166	357622	39.63	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.382	232	114635	36.29	ng	#	94
60) Diethylphthalate	15.546	149	383132	39.34	ng		94
61) 4-Chlorophenyl-phenyle...	15.770	204	216934	39.93	ng		97
62) 4-Nitroaniline	15.840	138	75751	34.64	ng	#	31
63) Azobenzene	16.063	77	403447	41.51	ng		85
65) 4,6-Dinitro-2-methylph...	15.887	198	81195	39.08	ng		74
66) n-Nitrosodiphenylamine	15.993	169	328189	39.64	ng		98
67) 4-Bromophenyl-phenylether	16.669	248	148854	40.55	ng		95
68) Hexachlorobenzene	16.792	284	154046	40.68	ng		98
69) Atrazine	16.945	200	138173	40.13	ng		98
70) Pentachlorophenol	17.156	266	81375	32.68	ng		97
71) Phenanthrene	17.532	178	618730	39.80	ng		96
72) Anthracene	17.620	178	616987	39.97	ng		97
73) Carbazole	17.902	167	571765	39.16	ng		97
74) Di-n-butylphthalate	18.431	149	643933	39.80	ng	#	97
75) Fluoranthene	19.536	202	800980	39.58	ng		96
77) Benzidine	19.718	184	348409	36.41	ng		96
78) Pyrene	19.894	202	809558	39.58	ng		96
80) Butylbenzylphthalate	20.764	149	287219	40.09	ng	#	83
81) Benzo(a)anthracene	21.751	228	806086	39.45	ng		99
82) 3,3'-Dichlorobenzidine	21.663	252	278713	38.08	ng		99
83) Chrysene	21.815	228	773253	39.62	ng		99
84) Bis(2-ethylhexyl)phtha...	21.627	149	405884	40.33	ng		93
85) Di-n-octyl phthalate	22.861	149	690727	40.31	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.843	276	889451	40.76	ng	#	87
88) Benzo(b)fluoranthene	24.019	252	814285	40.89	ng	#	95
89) Benzo(k)fluoranthene	24.083	252	793024	41.75	ng	#	97
90) Benzo(a)pyrene	24.912	252	762012	41.26	ng	#	97
91) Dibenzo(a,h)anthracene	28.901	278	760157	40.83	ng	#	94
92) Benzo(g,h,i)perylene	30.029	276	738666	40.83	ng	#	93

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

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