Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020921\
Data File : BG048120.D
Acq On : 9 Feb 2021 13:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 09 14:31:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 09 14:29:17 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

mohammad

2/10/2021 9:57:33 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.114	152	53556	20.00	ng		0.00
21) Naphthalene-d8	10.923	136	196133	20.00	ng		0.00
39) Acenaphthene-d10	14.736	164	141329	20.00	ng		0.00
64) Phenanthrene-d10	17.474	188	346287	20.00	ng	#	0.00
76) Chrysene-d12	21.751	240	350297	20.00	ng	#	0.00
86) Perylene-d12	25.012	264	358053	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.664	112	241211	69.22	ng		0.00
7) Phenol-d6	7.262	99	364257	68.75	ng		0.00
23) Nitrobenzene-d5	9.277	82	364769	73.59	ng		0.00
42) 2,4,6-Tribromophenol	16.216	330	170607	72.48	ng		0.00
45) 2-Fluorobiphenyl	13.361	172	810484	74.14	ng		0.00
79) Terphenyl-d14	20.077	244	1463260	72.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.555	88	54286	34.95	ng	#	93
3) Pyridine	3.954	79	170416	36.55	ng		90
4) n-Nitrosodimethylamine	3.866	42	76999	35.74	ng	#	68
6) Aniline	7.433	93	212752	33.24	ng		94
8) 2-Chlorophenol	7.673	128	123935	33.98	ng		86
9) Benzaldehyde	7.245	77	108612	39.96	ng		83
10) Phenol	7.286	94	174000	34.26	ng	#	72
11) bis(2-Chloroethyl)ether	7.527	93	137940	34.68	ng		96
12) 1,3-Dichlorobenzene	8.002	146	154078	34.99	ng	#	88
13) 1,4-Dichlorobenzene	8.149	146	153840	34.86	ng		97
14) 1,2-Dichlorobenzene	8.467	146	146208	34.70	ng		93
15) Benzyl Alcohol	8.343	79	148070	33.03	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.637	45	183662	32.90	ng		95
17) 2-Methylphenol	8.543	107	114302	33.30	ng	#	85
18) Hexachloroethane	9.201	117	61483	35.71	ng		96
19) n-Nitroso-di-n-propyla...	8.913	70	125637	32.49	ng	#	96
20) 3+4-Methylphenols	8.872	107	158134	33.30	ng		89
22) Acetophenone	8.931	105	220344	36.45	ng	#	92
24) Nitrobenzene	9.319	77	185658	37.40	ng	#	84
25) Isophorone	9.841	82	310485	34.90	ng		95
26) 2-Nitrophenol	10.030	139	76385	37.39	ng	#	69
27) 2,4-Dimethylphenol	10.082	122	105279	35.47	ng	#	84
28) bis(2-Chloroethoxy)met...	10.317	93	193933	36.23	ng		97
29) 2,4-Dichlorophenol	10.564	162	140720	36.85	ng		95
30) 1,2,4-Trichlorobenzene	10.787	180	173643	37.61	ng		99
31) Naphthalene	10.975	128	409965	36.15	ng		99
32) Benzoic acid	10.212	122	98127	36.92	ng	#	75
33) 4-Chloroaniline	11.075	127	179430	34.62	ng	#	93
34) Hexachlorobutadiene	11.257	225	130188	39.70	ng		96
35) Caprolactam	11.845	113	49482	34.04	ng		92
36) 4-Chloro-3-methylphenol	12.186	107	149681	34.93	ng		87
37) 2-Methylnaphthalene	12.568	142	303292	35.41	ng	#	93
38) 1-Methylnaphthalene	12.785	142	290428m	35.54	ng		
40) 1,2,4,5-Tetrachloroben...	12.932	216	206700	38.37	ng		98
41) Hexachlorocyclopentadiene	12.914	237	121837	39.92	ng		100
43) 2,4,6-Trichlorophenol	13.167	196	141300	37.60	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.238	196	140439	36.06	ng	#	93
46) 1,1'-Biphenyl	13.567	154	400335	36.64	ng		96
47) 2-Chloronaphthalene	13.614	162	345263	36.31	ng		97
48) 2-Nitroaniline	13.807	65	123944	35.91	ng	#	75
49) Acenaphthylene	14.460	152	496600	35.39	ng		99
50) Dimethylphthalate	14.183	163	451104	35.27	ng		98
51) 2,6-Dinitrotoluene	14.301	165	94006	35.35	ng	#	67
52) Acenaphthene	14.800	154	348286	36.66	ng		97
53) 3-Nitroaniline	14.630	138	103467	35.47	ng	#	81
54) 2,4-Dinitrophenol	14.830	184	66555	40.03	ng	#	72
55) Dibenzofuran	15.129	168	512660	35.58	ng		94
56) 4-Nitrophenol	14.924	139	80954	35.57	ng	#	57
57) 2,4-Dinitrotoluene	15.082	165	136452	35.53	ng	#	77
58) Fluorene	15.776	166	404409	34.91	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.353	232	144462	37.10	ng		97
60) Diethylphthalate	15.541	149	466425	35.47	ng		95
61) 4-Chlorophenyl-phenyle...	15.770	204	257568	36.31	ng		99
62) 4-Nitroaniline	15.793	138	108581	34.17	ng	#	58
63) Azobenzene	16.064	77	430603	34.78	ng		92
65) 4,6-Dinitro-2-methylph...	15.846	198	84147	37.65	ng		86
66) n-Nitrosodiphenylamine	15.981	169	373835	35.92	ng		99
67) 4-Bromophenyl-phenylether	16.663	248	173548	37.50	ng		97
68) Hexachlorobenzene	16.780	284	181762	36.12	ng		96
69) Atrazine	16.921	200	149395	37.80	ng		99
70) Pentachlorophenol	17.121	266	116153	38.01	ng		99
71) Phenanthrene	17.521	178	719383	36.01	ng		96
72) Anthracene	17.609	178	707972	36.03	ng		96
73) Carbazole	17.873	167	653266	35.63	ng		98
74) Di-n-butylphthalate	18.426	149	796370	35.57	ng	#	97
75) Fluoranthene	19.518	202	938325	35.82	ng		96
77) Benzidine	19.695	184	333899	33.04	ng		97
78) Pyrene	19.883	202	932454	36.35	ng		97
80) Butylbenzylphthalate	20.758	149	352623	35.99	ng	#	87
81) Benzo(a)anthracene	21.728	228	928831	36.49	ng		99
82) 3,3'-Dichlorobenzidine	21.639	252	314953	36.71	ng	#	97
83) Chrysene	21.798	228	884687	36.57	ng		99
84) Bis(2-ethylhexyl)phtha...	21.628	149	489343	36.46	ng		95
85) Di-n-octyl phthalate	22.862	149	818148	36.45	ng		96
87) Indeno(1,2,3-cd)pyrene	28.743	276	1041225	36.15	ng	#	87
88) Benzo(b)fluoranthene	23.978	252	936202	36.79	ng	#	97
89) Benzo(k)fluoranthene	24.048	252	893294	36.12	ng	#	97
90) Benzo(a)pyrene	24.865	252	884932	37.03	ng	#	98
91) Dibenzo(a,h)anthracene	28.808	278	856627	36.04	ng	#	95
92) Benzo(g,h,i)perylene	29.906	276	836771	36.55	ng	#	96

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

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