Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
Data File : BG048673.D
Acq On : 13 Apr 2021 14:09
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 14 00:29:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad

4/14/2021 11:51:46 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.085	152	19091	20.00	ng		#-0.02
21) Naphthalene-d8	10.911	136	79219	20.00	ng		#-0.02
39) Acenaphthene-d10	14.742	164	54558	20.00	ng		0.00
64) Phenanthrene-d10	17.491	188	130282	20.00	ng		0.00
76) Chrysene-d12	21.792	240	124882	20.00	ng		# 0.00
86) Perylene-d12	25.135	264	126811	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.629	112	90705	83.88	ng		0.00
7) Phenol-d6	7.245	99	128089	81.68	ng		0.00
23) Nitrobenzene-d5	9.260	82	141394	86.41	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	59252	82.62	ng		0.00
45) 2-Fluorobiphenyl	13.361	172	311293	84.81	ng		0.00
79) Terphenyl-d14	20.106	244	566999	83.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.490	88	18217	41.87	ng		96
3) Pyridine	3.907	79	48642	44.60	ng		92
4) n-Nitrosodimethylamine	3.813	42	38266	53.70	ng	#	92
6) Aniline	7.403	93	73072	40.57	ng	#	88
8) 2-Chlorophenol	7.650	128	48891	40.01	ng		93
9) Benzaldehyde	7.215	77	38678	38.58	ng		96
10) Phenol	7.274	94	66065	42.08	ng		94
11) bis(2-Chloroethyl)ether	7.497	93	42320	38.85	ng		84
12) 1,3-Dichlorobenzene	7.973	146	55593	40.38	ng		91
13) 1,4-Dichlorobenzene	8.120	146	56714	40.86	ng	#	92
14) 1,2-Dichlorobenzene	8.443	146	54464	40.97	ng		95
15) Benzyl Alcohol	8.326	79	59207	46.09	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.613	45	47654	45.35	ng		94
17) 2-Methylphenol	8.531	107	41854	41.20	ng		88
18) Hexachloroethane	9.178	117	21066	40.85	ng	#	83
19) n-Nitroso-di-n-propyla...	8.890	70	44325	41.01	ng	#	93
20) 3+4-Methylphenols	8.866	107	56764	40.26	ng		99
22) Acetophenone	8.913	105	80802	39.56	ng		93
24) Nitrobenzene	9.301	77	69878	43.52	ng		93
25) Isophorone	9.824	82	122326	40.48	ng		98
26) 2-Nitrophenol	10.012	139	30405	41.21	ng		96
27) 2,4-Dimethylphenol	10.071	122	44143	38.02	ng		91
28) bis(2-Chloroethoxy)met...	10.306	93	53698	38.77	ng		99
29) 2,4-Dichlorophenol	10.558	162	51157	38.91	ng		98
30) 1,2,4-Trichlorobenzene	10.770	180	58322	38.61	ng		95
31) Naphthalene	10.964	128	160938	39.51	ng		97
32) Benzoic acid	10.223	122	29228	32.73	ng	#	87
33) 4-Chloroaniline	11.069	127	66914	38.93	ng	#	88
34) Hexachlorobutadiene	11.240	225	44275	40.14	ng		92
35) Caprolactam	11.851	113	17376	36.23	ng		84
36) 4-Chloro-3-methylphenol	12.198	107	58886	39.89	ng		91
37) 2-Methylnaphthalene	12.568	142	127523	39.33	ng		95
38) 1-Methylnaphthalene	12.785	142	115565	37.37	ng		98
40) 1,2,4,5-Tetrachloroben...	12.932	216	71563	42.31	ng		99
41) Hexachlorocyclopentadiene	12.908	237	35064	35.79	ng		93
43) 2,4,6-Trichlorophenol	13.173	196	48609	41.81	ng		89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.249	196	54547	43.86	ng		89
46) 1,1'-Biphenyl	13.572	154	164532	41.27	ng		94
47) 2-Chloronaphthalene	13.614	162	127367	41.94	ng		95
48) 2-Nitroaniline	13.819	65	46195	47.85	ng	#	79
49) Acenaphthylene	14.465	152	193791	40.70	ng		96
50) Dimethylphthalate	14.189	163	166900	41.22	ng	#	96
51) 2,6-Dinitrotoluene	14.313	165	36797	39.72	ng		89
52) Acenaphthene	14.806	154	136924m	39.76	ng		
53) 3-Nitroaniline	14.648	138	36136	39.78	ng	#	82
54) 2,4-Dinitrophenol	14.847	184	21263	40.82	ng	#	72
55) Dibenzofuran	15.141	168	201911	40.14	ng		97
56) 4-Nitrophenol	14.965	139	28466	38.82	ng		93
57) 2,4-Dinitrotoluene	15.100	165	54916	41.91	ng		86
58) Fluorene	15.787	166	165849	39.39	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.364	232	47197	38.90	ng	#	97
60) Diethylphthalate	15.547	149	169626	40.77	ng	#	97
61) 4-Chlorophenyl-phenyle...	15.776	204	93465	41.26	ng	#	94
62) 4-Nitroaniline	15.811	138	38183	40.18	ng	#	61
63) Azobenzene	16.069	77	175108	42.78	ng		94
65) 4,6-Dinitro-2-methylph...	15.864	198	36862	47.09	ng		95
66) n-Nitrosodiphenylamine	15.993	169	149812	40.42	ng		99
67) 4-Bromophenyl-phenylether	16.675	248	60849	42.13	ng		96
68) Hexachlorobenzene	16.798	284	61747	40.95	ng		96
69) Atrazine	16.939	200	62593	41.40	ng		93
70) Pentachlorophenol	17.145	266	33992	36.27	ng		93
71) Phenanthrene	17.538	178	270624	40.01	ng		99
72) Anthracene	17.626	178	263709	39.13	ng		98
73) Carbazole	17.897	167	254499	39.82	ng		95
74) Di-n-butylphthalate	18.449	149	292974	41.03	ng		98
75) Fluoranthene	19.548	202	341710	40.76	ng		97
77) Benzidine	19.724	184	163629	38.69	ng		98
78) Pyrene	19.912	202	341504	39.77	ng		98
80) Butylbenzylphthalate	20.787	149	132802	41.64	ng		90
81) Benzo(a)anthracene	21.775	228	329320	39.47	ng		98
82) 3,3'-Dichlorobenzidine	21.681	252	113155	39.48	ng		96
83) Chrysene	21.839	228	313191	39.33	ng		97
84) Bis(2-ethylhexyl)phtha...	21.663	149	180701	40.68	ng	#	96
85) Di-n-octyl phthalate	22.914	149	304469	39.32	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.966	276	365164	41.07	ng	#	92
88) Benzo(b)fluoranthene	24.066	252	347735	42.22	ng	#	98
89) Benzo(k)fluoranthene	24.136	252	321487	40.60	ng		99
90) Benzo(a)pyrene	24.971	252	314916	41.49	ng		99
91) Dibenzo(a,h)anthracene	29.031	278	309852	40.83	ng		98
92) Benzo(g,h,i)perylene	30.165	276	304088	40.92	ng		95

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

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