Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021021\
Data File : BG048127.D
Acq On : 10 Feb 2021 12:13
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 16:42:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 15:05:27 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
2/11/2021 9:49:18 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.102	152	46221	20.00	ng		0.00
21) Naphthalene-d8	10.917	136	175482	20.00	ng		0.00
39) Acenaphthene-d10	14.724	164	134633	20.00	ng		0.00
64) Phenanthrene-d10	17.468	188	347839	20.00	ng		# 0.00
76) Chrysene-d12	21.739	240	372049	20.00	ng		# 0.00
86) Perylene-d12	25.006	264	365831	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.658	112	25532	8.49	ng		0.00
7) Phenol-d6	7.250	99	39193	8.57	ng		0.00
23) Nitrobenzene-d5	9.266	82	39742	8.96	ng		0.00
42) 2,4,6-Tribromophenol	16.210	330	19324	8.62	ng		0.00
45) 2-Fluorobiphenyl	13.355	172	97371	9.35	ng		0.00
79) Terphenyl-d14	20.065	244	207669	9.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.549	88	6200	4.62	ng	#	91
3) Pyridine	3.954	79	13402	3.33	ng	#	80
4) n-Nitrosodimethylamine	3.860	42	8709	4.68	ng	#	99
6) Aniline	7.421	93	22401	4.06	ng	#	86
8) 2-Chlorophenol	7.668	128	14123	4.49	ng		94
9) Benzaldehyde	7.233	77	14050	5.99	ng	#	81
10) Phenol	7.274	94	19906	4.54	ng		74
11) bis(2-Chloroethyl)ether	7.515	93	16897	4.92	ng		84
12) 1,3-Dichlorobenzene	7.991	146	17415m	4.58	ng		
13) 1,4-Dichlorobenzene	8.143	146	17301m	4.54	ng		
14) 1,2-Dichlorobenzene	8.461	146	16469	4.53	ng		94
15) Benzyl Alcohol	8.337	79	15449	3.99	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.619	45	21199	4.40	ng		99
17) 2-Methylphenol	8.537	107	12253	4.14	ng	#	84
18) Hexachloroethane	9.189	117	6418	4.32	ng		87
19) n-Nitroso-di-n-propyla...	8.907	70	14783	4.43	ng	#	91
20) 3+4-Methylphenols	8.866	107	16756	4.09	ng		89
22) Acetophenone	8.919	105	24340	4.50	ng	#	89
24) Nitrobenzene	9.301	77	20767	4.68	ng	#	78
25) Isophorone	9.830	82	37719	4.74	ng	#	90
26) 2-Nitrophenol	10.024	139	8232	4.50	ng	#	73
27) 2,4-Dimethylphenol	10.071	122	12723	4.79	ng	#	83
28) bis(2-Chloroethoxy)met...	10.312	93	18242	3.81	ng	#	90
29) 2,4-Dichlorophenol	10.552	162	14707	4.30	ng		90
30) 1,2,4-Trichlorobenzene	10.776	180	18006	4.36	ng		97
31) Naphthalene	10.964	128	46447	4.58	ng		98
32) Benzoic acid	10.182	122	2892m	1.22	ng		
33) 4-Chloroaniline	11.069	127	18693	4.03	ng	#	93
34) Hexachlorobutadiene	11.252	225	13889	4.73	ng		97
35) Caprolactam	11.810	113	4555	3.50	ng		95
36) 4-Chloro-3-methylphenol	12.174	107	16471	4.30	ng		96
37) 2-Methylnaphthalene	12.568	142	35551	4.64	ng	#	91
38) 1-Methylnaphthalene	12.779	142	34378	4.70	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.926	216	22696	4.42	ng		97
41) Hexachlorocyclopentadiene	12.908	237	12042	4.14	ng		88
43) 2,4,6-Trichlorophenol	13.161	196	15409	4.30	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.232	196	17352	4.68	ng	#	86
46) 1,1'-Biphenyl	13.561	154	46308	4.45	ng		95
47) 2-Chloronaphthalene	13.608	162	39971	4.41	ng		97
48) 2-Nitroaniline	13.802	65	13033	3.96	ng	#	73
49) Acenaphthylene	14.454	152	62386	4.67	ng		98
50) Dimethylphthalate	14.172	163	55711	4.57	ng		99
51) 2,6-Dinitrotoluene	14.289	165	11972	4.73	ng	#	83
52) Acenaphthene	14.789	154	39723m	4.39	ng		
53) 3-Nitroaniline	14.618	138	11494	4.14	ng	#	67
54) 2,4-Dinitrophenol	14.830	184	5564	3.51	ng	#	69
55) Dibenzofuran	15.124	168	66941	4.88	ng		97
56) 4-Nitrophenol	14.918	139	8355	3.85	ng	#	53
57) 2,4-Dinitrotoluene	15.077	165	17183	4.70	ng	#	91
58) Fluorene	15.770	166	52761	4.78	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.347	232	17006	4.58	ng	#	98
60) Diethylphthalate	15.535	149	55825	4.46	ng		95
61) 4-Chlorophenyl-phenyle...	15.764	204	31110	4.60	ng		98
62) 4-Nitroaniline	15.776	138	12082	3.99	ng	#	73
63) Azobenzene	16.052	77	57521	4.88	ng		91
65) 4,6-Dinitro-2-methylph...	15.840	198	10385	4.63	ng		90
66) n-Nitrosodiphenylamine	15.970	169	48928	4.68	ng		95
67) 4-Bromophenyl-phenylether	16.657	248	20727	4.46	ng		94
68) Hexachlorobenzene	16.775	284	21718	4.30	ng		99
69) Atrazine	16.916	200	18999	4.79	ng		96
70) Pentachlorophenol	17.133	266	10419	3.39	ng	#	79
71) Phenanthrene	17.509	178	93831	4.68	ng		94
72) Anthracene	17.603	178	93105m	4.72	ng		
73) Carbazole	17.867	167	88643	4.81	ng		98
74) Di-n-butylphthalate	18.420	149	96489	4.29	ng		98
75) Fluoranthene	19.512	202	124219	4.72	ng		95
77) Benzidine	19.689	184	54718	5.10	ng		98
78) Pyrene	19.871	202	128493	4.72	ng		95
80) Butylbenzylphthalate	20.752	149	41310	3.97	ng	#	81
81) Benzo(a)anthracene	21.716	228	133368	4.93	ng		93
82) 3,3'-Dichlorobenzidine	21.634	252	42642	4.68	ng	#	97
83) Chrysene	21.786	228	124681	4.85	ng		98
84) Bis(2-ethylhexyl)phtha...	21.622	149	60338	4.23	ng	#	91
85) Di-n-octyl phthalate	22.850	149	102038	4.28	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.708	276	130949	4.45	ng	#	83
88) Benzo(b)fluoranthene	23.966	252	121515	4.67	ng	#	98
89) Benzo(k)fluoranthene	24.031	252	119910	4.75	ng	#	91
90) Benzo(a)pyrene	24.842	252	114488	4.69	ng	#	96
91) Dibenzo(a,h)anthracene	28.784	278	114482	4.71	ng	#	93
92) Benzo(g,h,i)perylene	29.877	276	108472	4.64	ng	#	93

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

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