Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031821\
Data File : BG048414.D
Acq On : 18 Mar 2021 12:55
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 18 14:18:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 18 14:16:04 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
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3/19/2021 12:05:54 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.111	152	59000	20.00	ng		0.00
21) Naphthalene-d8	10.931	136	217743	20.00	ng		# 0.00
39) Acenaphthene-d10	14.750	164	160596	20.00	ng		0.00
64) Phenanthrene-d10	17.506	188	407535	20.00	ng		# 0.00
76) Chrysene-d12	21.801	240	433662	20.00	ng		# 0.00
86) Perylene-d12	25.138	264	421765	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.655	112	151590	44.13	ng		0.00
7) Phenol-d6	7.253	99	224277	44.32	ng		0.00
23) Nitrobenzene-d5	9.280	82	224620	45.84	ng		0.00
42) 2,4,6-Tribromophenol	16.237	330	110369	53.72	ng		0.00
45) 2-Fluorobiphenyl	13.375	172	476472	41.81	ng		0.00
79) Terphenyl-d14	20.115	244	1006245	44.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.528	88	31203	19.00	ng	#	88
3) Pyridine	3.939	79	89121	19.88	ng	#	96
4) n-Nitrosodimethylamine	3.845	42	51090	19.73	ng	#	62
6) Aniline	7.424	93	127583	20.50	ng		91
8) 2-Chlorophenol	7.670	128	80242	23.14	ng		88
9) Benzaldehyde	7.241	77	71493	21.90	ng	#	82
10) Phenol	7.277	94	112421	21.77	ng	#	70
11) bis(2-Chloroethyl)ether	7.523	93	79413	21.29	ng		96
12) 1,3-Dichlorobenzene	7.999	146	91769	20.75	ng	#	84
13) 1,4-Dichlorobenzene	8.146	146	93549	21.16	ng		94
14) 1,2-Dichlorobenzene	8.469	146	91141m	21.07	ng		
15) Benzyl Alcohol	8.346	79	99009	22.33	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.640	45	91510	20.08	ng		89
17) 2-Methylphenol	8.540	107	72105	21.83	ng	#	86
18) Hexachloroethane	9.204	117	36733	22.71	ng		90
19) n-Nitroso-di-n-propyla...	8.916	70	82826	21.24	ng		94
20) 3+4-Methylphenols	8.869	107	98540	22.35	ng		85
22) Acetophenone	8.934	105	127811	20.77	ng	#	91
24) Nitrobenzene	9.321	77	121356	24.07	ng	#	83
25) Isophorone	9.844	82	219110	20.84	ng	#	91
26) 2-Nitrophenol	10.032	139	45423	27.29	ng	#	73
27) 2,4-Dimethylphenol	10.085	122	70902	21.27	ng	#	80
28) bis(2-Chloroethoxy)met...	10.326	93	96071	20.34	ng	#	95
29) 2,4-Dichlorophenol	10.573	162	85284	23.71	ng		97
30) 1,2,4-Trichlorobenzene	10.790	180	102078	21.75	ng		98
31) Naphthalene	10.984	128	250555	21.09	ng		98
32) Benzoic acid	10.185	122	53696	25.58	ng	#	88
33) 4-Chloroaniline	11.084	127	105891	21.20	ng	#	86
34) Hexachlorobutadiene	11.266	225	78874	21.51	ng		96
35) Caprolactam	11.848	113	30319	24.71	ng		92
36) 4-Chloro-3-methylphenol	12.194	107	95261	22.13	ng	#	84
37) 2-Methylnaphthalene	12.582	142	190012	20.86	ng	#	91
38) 1-Methylnaphthalene	12.805	142	177546m	20.67	ng		
40) 1,2,4,5-Tetrachloroben...	12.946	216	121313	20.42	ng	#	97
41) Hexachlorocyclopentadiene	12.929	237	79710	24.52	ng		98
43) 2,4,6-Trichlorophenol	13.182	196	83699	24.04	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	90873	24.06	ng	#	89
46) 1,1'-Biphenyl	13.587	154	245206	21.03	ng		99
47) 2-Chloronaphthalene	13.628	162	196431	20.80	ng		94
48) 2-Nitroaniline	13.822	65	71208	26.62	ng	#	75
49) Acenaphthylene	14.474	152	318179	21.11	ng		98
50) Dimethylphthalate	14.198	163	278281	22.55	ng		98
51) 2,6-Dinitrotoluene	14.315	165	59521	25.34	ng	#	58
52) Acenaphthene	14.815	154	213558	21.54	ng		99
53) 3-Nitroaniline	14.645	138	58702	24.52	ng	#	74
54) 2,4-Dinitrophenol	14.850	184	34561	24.84	ng	#	79
55) Dibenzofuran	15.150	168	316709	20.83	ng		95
56) 4-Nitrophenol	14.938	139	52593	25.82	ng	#	48
57) 2,4-Dinitrotoluene	15.103	165	82919	25.79	ng	#	69
58) Fluorene	15.802	166	264215	20.78	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.367	232	90975	24.94	ng	#	96
60) Diethylphthalate	15.561	149	272705	22.81	ng		95
61) 4-Chlorophenyl-phenyle...	15.790	204	153737	21.04	ng		99
62) 4-Nitroaniline	15.808	138	61579	23.66	ng	#	59
63) Azobenzene	16.084	77	297370	20.41	ng		88
65) 4,6-Dinitro-2-methylph...	15.867	198	52351	26.44	ng		88
66) n-Nitrosodiphenylamine	16.002	169	247937	20.95	ng		96
67) 4-Bromophenyl-phenylether	16.689	248	107496	21.94	ng		95
68) Hexachlorobenzene	16.801	284	116167	21.74	ng		97
69) Atrazine	16.948	200	101715	23.80	ng		98
70) Pentachlorophenol	17.147	266	75885	23.75	ng		97
71) Phenanthrene	17.547	178	458832	21.37	ng		98
72) Anthracene	17.635	178	451573	21.18	ng		97
73) Carbazole	17.905	167	433224	21.96	ng		99
74) Di-n-butylphthalate	18.464	149	485170	24.05	ng	#	96
75) Fluoranthene	19.556	202	618347	21.71	ng		96
77) Benzidine	19.727	184	269168	23.95	ng		99
78) Pyrene	19.915	202	631640	21.87	ng		96
80) Butylbenzylphthalate	20.802	149	225105	25.27	ng		91
81) Benzo(a)anthracene	21.777	228	644681	21.45	ng		96
82) 3,3'-Dichlorobenzidine	21.689	252	230757	22.74	ng	#	96
83) Chrysene	21.848	228	611377	21.32	ng		98
84) Bis(2-ethylhexyl)phtha...	21.683	149	308020	23.34	ng		96
85) Di-n-octyl phthalate	22.941	149	514895	23.45	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.963	276	679883	20.98	ng	#	88
88) Benzo(b)fluoranthene	24.075	252	631160	21.47	ng	#	96
89) Benzo(k)fluoranthene	24.145	252	597866	21.19	ng	#	96
90) Benzo(a)pyrene	24.979	252	580821	21.43	ng	#	96
91) Dibenzo(a,h)anthracene	29.039	278	580737	21.02	ng	#	93
92) Benzo(g,h,i)perylene	30.162	276	562811	21.01	ng	#	91

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

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