Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
Data File : BG044633.D
Acq On : 2 Mar 2020 13:52
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 03 07:05:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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3/3/2020 12:27:46 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	66907m	20.00	ng		-0.07
21) Naphthalene-d8	10.60	136	275653	20.00	ng		-0.07
39) Acenaphthene-d10	14.46	164	186496	20.00	ng		-0.06
64) Phenanthrene-d10	17.20	188	414339	20.00	ng		-0.06
76) Chrysene-d12	21.44	240	395536	20.00	ng		-0.07
87) Perylene-d12	24.46	264	451676	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	329537	79.02	ng		-0.07
7) Phenol-d6	6.98	99	440485	77.17	ng		-0.07
23) Nitrobenzene-d5	8.96	82	405334	75.76	ng		-0.07
42) 2,4,6-Tribromophenol	15.95	330	208047	78.68	ng		-0.06
45) 2-Fluorobiphenyl	13.08	172	978664	75.15	ng		-0.06
79) Terphenyl-d14	19.83	244	1546233	74.00	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	72304	39.734	ng		99
3) Pyridine	3.64	79	204441	40.264	ng		98
4) n-Nitrosodimethylamine	3.56	42	77037	39.948	ng		99
6) Aniline	7.13	93	266104	38.291	ng		99
8) 2-Chlorophenol	7.37	128	172276	37.846	ng		99
9) Benzaldehyde	6.94	77	120866	36.010	ng		97
10) Phenol	7.01	94	213569	38.610	ng		99
11) bis(2-Chloroethyl)ether	7.22	93	176291	37.911	ng		96
12) 1,3-Dichlorobenzene	7.69	146	209806	38.643	ng		100
13) 1,4-Dichlorobenzene	7.84	146	208108	38.140	ng		100
14) 1,2-Dichlorobenzene	8.16	146	196942	37.954	ng		97
15) Benzyl Alcohol	8.05	79	149777	38.908	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.34	45	237618	38.022	ng		99
17) 2-Methylphenol	8.26	107	150324	38.041	ng		96
18) Hexachloroethane	8.89	117	76415	38.321	ng		97
19) n-Nitroso-di-n-propylamine	8.62	70	142179	38.751	ng		98
20) 3+4-Methylphenols	8.59	107	207950	38.437	ng		99
22) Acetophenone	8.63	105	262331	37.905	ng	#	99
24) Nitrobenzene	9.00	77	195431	37.701	ng		99
25) Isophorone	9.53	82	381751	38.139	ng		99
26) 2-Nitrophenol	9.72	139	103718	36.893	ng		100
27) 2,4-Dimethylphenol	9.79	122	151027	38.261	ng		100
28) bis(2-Chloroethoxy)methane	10.01	93	251563	38.005	ng		99
29) 2,4-Dichlorophenol	10.26	162	180334	38.213	ng		98
30) 1,2,4-Trichlorobenzene	10.47	180	204819	37.528	ng		99
31) Naphthalene	10.65	128	562879	37.422	ng		99
32) Benzoic acid	9.97	122	59368	43.926	ng		94
33) 4-Chloroaniline	10.76	127	257954	38.937	ng		99
34) Hexachlorobutadiene	10.95	225	129426	37.762	ng		99
35) Caprolactam	11.54	113	66952	39.631	ng		95
36) 4-Chloro-3-methylphenol	11.91	107	188383	38.780	ng		99
37) 2-Methylnaphthalene	12.27	142	426520	38.368	ng		99
38) 1-Methylnaphthalene	12.49	142	400812	37.945	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	231463	36.866	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	81393	32.872 ng	99
43) 2,4,6-Trichlorophenol	12.89	196	154013	37.780 ng	99
44) 2,4,5-Trichlorophenol	12.96	196	160553	38.339 ng	98
46) 1,1'-Biphenyl	13.29	154	567625	36.779 ng	97
47) 2-Chloronaphthalene	13.33	162	447199	36.952 ng	99
48) 2-Nitroaniline	13.53	65	129304	38.490 ng	97
49) Acenaphthylene	14.17	152	666681	37.319 ng	100
50) Dimethylphthalate	13.92	163	569873	37.859 ng	99
51) 2,6-Dinitrotoluene	14.03	165	125589	37.830 ng	94
52) Acenaphthene	14.52	154	419002	36.794 ng	100
53) 3-Nitroaniline	14.36	138	137405	38.377 ng	97
54) 2,4-Dinitrophenol	14.57	184	59981	36.142 ng	97
55) Dibenzofuran	14.86	168	658707	37.731 ng	99
56) 4-Nitrophenol	14.69	139	99135	40.253 ng	99
57) 2,4-Dinitrotoluene	14.83	165	177519	38.034 ng	99
58) Fluorene	15.51	166	527595	38.115 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	145238	37.662 ng	99
60) Diethylphthalate	15.28	149	564571	37.853 ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	283543	37.674 ng	98
62) 4-Nitroaniline	15.53	138	139974	39.044 ng	95
63) Azobenzene	15.80	77	483094	38.059 ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	99174	38.656 ng	96
66) n-Nitrosodiphenylamine	15.71	169	482127	37.303 ng	100
67) 4-Bromophenyl-phenylether	16.40	248	195738	38.058 ng	97
68) Hexachlorobenzene	16.52	284	220631	37.943 ng	97
69) Atrazine	16.67	200	178341	37.326 ng	97
70) Pentachlorophenol	16.87	266	95332	37.733 ng	95
71) Phenanthrene	17.25	178	863625	37.648 ng	99
72) Anthracene	17.34	178	848792	37.547 ng	98
73) Carbazole	17.61	167	787309	38.262 ng	99
74) Di-n-butylphthalate	18.18	149	970923	37.654 ng	99
75) Fluoranthene	19.26	202	1038926	38.259 ng	99
77) Benzidine	19.44	184	498101	36.763 ng	99
78) Pyrene	19.62	202	1056314	36.789 ng	99
80) Butylbenzylphthalate	20.51	149	454212	36.166 ng	97
81) Benzo(a)anthracene	21.42	228	1043126	37.523 ng	99
82) 3,3'-Dichlorobenzidine	21.34	252	412849	37.591 ng	97
83) Chrysene	21.48	228	1000976	37.241 ng	99
84) Bis(2-ethylhexyl)phthalate	21.35	149	644567	37.247 ng	99
85) Di-n-octyl phthalate	22.49	149	1099395	36.109 ng	99
86) Indeno(1,2,3-cd)pyrene	27.87	276	1282277	37.174 ng	99
88) Benzo(b)fluoranthene	23.50	252	1103990	37.175 ng	99
89) Benzo(k)fluoranthene	23.57	252	1112249	38.600 ng	99
90) Benzo(a)pyrene	24.32	252	1051708	37.693 ng	98
91) Dibenzo(a,h)anthracene	27.92	278	1038577	37.637 ng	99
92) Benzo(g,h,i)perylene	28.93	276	1034564	37.420 ng	97

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

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