Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090120\
Data File : BG046484.D
Acq On : 1 Sep 2020 14:18
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 01 17:07:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 31 16:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	94976	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	362123	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	242546	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	576293	20.00	ng	0.00
76) Chrysene-d12	21.56	240	565153	20.00	ng	0.00
86) Perylene-d12	24.65	264	598703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	388897	72.52	ng	0.00
7) Phenol-d6	7.10	99	541088	71.18	ng	0.00
23) Nitrobenzene-d5	9.09	82	462479	72.99	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	239439	72.86	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1174537	73.92	ng	0.00
79) Terphenyl-d14	19.92	244	1899843	71.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	79443	35.610	ng	96
3) Pyridine	3.82	79	235182	36.031	ng	96
4) n-Nitrosodimethylamine	3.73	42	89974	37.374	ng	100
6) Aniline	7.25	93	306186	35.794	ng	100
8) 2-Chlorophenol	7.50	128	201229	35.506	ng	99
9) Benzaldehyde	7.07	77	149301	35.056	ng	95
10) Phenol	7.13	94	250526	35.782	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	201654	35.832	ng	99
12) 1,3-Dichlorobenzene	7.82	146	261360	36.323	ng	100
13) 1,4-Dichlorobenzene	7.97	146	259938	36.084	ng	99
14) 1,2-Dichlorobenzene	8.29	146	245042	35.476	ng	98
15) Benzyl Alcohol	8.17	79	178467	36.568	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.47	45	318818	36.522	ng	99
17) 2-Methylphenol	8.38	107	176101	35.466	ng	98
18) Hexachloroethane	9.02	117	88561	36.259	ng	96
19) n-Nitroso-di-n-propylamine	8.74	70	162618	35.764	ng	98
20) 3+4-Methylphenols	8.71	107	246193	35.922	ng	99
22) Acetophenone	8.75	105	319259	36.218	ng	98
24) Nitrobenzene	9.13	77	227993	36.424	ng	98
25) Isophorone	9.65	82	427153	36.773	ng	98
26) 2-Nitrophenol	9.84	139	122796	37.183	ng	94
27) 2,4-Dimethylphenol	9.90	122	168557	37.109	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	273310	36.556	ng	99
29) 2,4-Dichlorophenol	10.38	162	224303	37.043	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	260614	36.275	ng	98
31) Naphthalene	10.78	128	640497	36.225	ng	100
32) Benzoic acid	10.05	122	106937	35.333	ng	99
33) 4-Chloroaniline	10.89	127	283929	36.417	ng	98
34) Hexachlorobutadiene	11.07	225	175191	37.564	ng	99
35) Caprolactam	11.66	113	78942	34.877	ng	97
36) 4-Chloro-3-methylphenol	12.01	107	216266	36.517	ng	96
37) 2-Methylnaphthalene	12.38	142	504181	36.156	ng	99
38) 1-Methylnaphthalene	12.61	142	476180	36.050	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	302222	37.786	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	144032	41.414 ng	97
43) 2,4,6-Trichlorophenol	13.00	196	205562	38.085 ng	98
44) 2,4,5-Trichlorophenol	13.07	196	212097	37.401 ng	98
46) 1,1'-Biphenyl	13.39	154	636263	37.705 ng	99
47) 2-Chloronaphthalene	13.44	162	529276	36.992 ng	98
48) 2-Nitroaniline	13.64	65	150168	37.798 ng	99
49) Acenaphthylene	14.28	152	808077	37.233 ng	100
50) Dimethylphthalate	14.02	163	678675	36.168 ng	99
51) 2,6-Dinitrotoluene	14.14	165	150957	36.495 ng	97
52) Acenaphthene	14.63	154	494625	36.777 ng	98
53) 3-Nitroaniline	14.46	138	164721	36.764 ng	98
54) 2,4-Dinitrophenol	14.67	184	94499	39.139 ng	98
55) Dibenzofuran	14.96	168	790146	36.608 ng	99
56) 4-Nitrophenol	14.78	139	125744	38.133 ng	98
57) 2,4-Dinitrotoluene	14.92	165	217518	36.880 ng	98
58) Fluorene	15.61	166	652617	36.025 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	208011	37.773 ng	99
60) Diethylphthalate	15.38	149	662814	36.229 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	364209	36.505 ng	98
62) 4-Nitroaniline	15.63	138	173685	36.738 ng	99
63) Azobenzene	15.90	77	545661	36.665 ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	131617	40.350 ng	96
66) n-Nitrosodiphenylamine	15.82	169	582812	37.487 ng	99
67) 4-Bromophenyl-phenylether	16.50	248	256164	38.100 ng	98
68) Hexachlorobenzene	16.62	284	276148	37.086 ng	98
69) Atrazine	16.77	200	234255	36.934 ng	98
70) Pentachlorophenol	16.97	266	154530	39.720 ng	99
71) Phenanthrene	17.35	178	1065778	36.486 ng	99
72) Anthracene	17.44	178	1052462	36.518 ng	99
73) Carbazole	17.71	167	991687	36.445 ng	100
74) Di-n-butylphthalate	18.27	149	1144043	36.563 ng	99
75) Fluoranthene	19.36	202	1332318	35.443 ng	100
77) Benzidine	19.53	184	508613	38.730 ng	98
78) Pyrene	19.72	202	1342325	37.299 ng	100
80) Butylbenzylphthalate	20.61	149	529945	37.752 ng	98
81) Benzo(a)anthracene	21.54	228	1276510	36.238 ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	488364	37.358 ng	99
83) Chrysene	21.60	228	1229796	36.294 ng	99
84) Bis(2-ethylhexyl)phthalate	21.46	149	710896	37.110 ng	99
85) Di-n-octyl phthalate	22.63	149	1225513	37.362 ng	100
87) Indeno(1,2,3-cd)pyrene	28.17	276	1510990	35.139 ng	100
88) Benzo(b)fluoranthene	23.68	252	1319010	35.283 ng	98
89) Benzo(k)fluoranthene	23.75	252	1258042	34.820 ng	100
90) Benzo(a)pyrene	24.52	252	1245475	35.700 ng	99
91) Dibenzo(a,h)anthracene	28.23	278	1217465	35.086 ng	99
92) Benzo(g,h,i)perylene	29.27	276	1220638	35.227 ng	98

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

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