Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112219\
Data File : BG043746.D
Acq On : 22 Nov 2019 17:45
Operator : JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Nov 23 00:00:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 23:55:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	41436	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	207768	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	165106	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	450512	20.00	ng	0.00
76) Chrysene-d12	21.67	240	560385	20.00	ng	0.00
87) Perylene-d12	24.85	264	484996	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	234517	103.71	ng	0.00
7) Phenol-d6	7.18	99	383527	117.89	ng	0.00
23) Nitrobenzene-d5	9.18	82	379143	94.08	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	211991	67.47	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	997431	83.48	ng	0.00
79) Terphenyl-d14	20.02	244	2260913	75.69	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	45434	51.560	ng	95
3) Pyridine	3.91	79	169034	76.044	ng	98
4) n-Nitrosodimethylamine	3.82	42	75340	67.168	ng	99
6) Aniline	7.35	93	249944	66.691	ng	97
8) 2-Chlorophenol	7.60	128	141292	56.604	ng	97
9) Benzaldehyde	7.17	77	101886	63.724	ng	94
10) Phenol	7.21	94	198695	66.835	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	152676	66.424	ng	95
12) 1,3-Dichlorobenzene	7.92	146	154196	49.304	ng	97
13) 1,4-Dichlorobenzene	8.07	146	156557	49.477	ng	99
14) 1,2-Dichlorobenzene	8.39	146	152280	49.289	ng	97
15) Benzyl Alcohol	8.26	79	165029	72.227	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	267210	79.951	ng	99
17) 2-Methylphenol	8.46	107	139480	64.358	ng	98
18) Hexachloroethane	9.12	117	57749	50.585	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	154907	73.685	ng	96
20) 3+4-Methylphenols	8.79	107	203244	68.389	ng	97
22) Acetophenone	8.85	105	268639	50.489	ng	98
24) Nitrobenzene	9.22	77	189247	49.295	ng	100
25) Isophorone	9.75	82	429554	58.299	ng	99
26) 2-Nitrophenol	9.94	139	70320	37.940	ng	96
27) 2,4-Dimethylphenol	10.00	122	140925	53.049	ng	96
28) bis(2-Chloroethoxy)methane	10.24	93	250050	61.489	ng	100
29) 2,4-Dichlorophenol	10.47	162	179492	52.735	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	189999	44.290	ng	98
31) Naphthalene	10.89	128	519531	49.262	ng	99
32) Benzoic acid	10.12	122	98926	53.082	ng	98
33) 4-Chloroaniline	10.98	127	269703	62.388	ng	98
34) Hexachlorobutadiene	11.19	225	120606	38.032	ng	98
35) Caprolactam	11.74	113	82865	70.689	ng	98
36) 4-Chloro-3-methylphenol	12.10	107	209972	56.555	ng	97
37) 2-Methylnaphthalene	12.49	142	414412	51.213	ng	99
38) 1-Methylnaphthalene	12.71	142	397017	51.566	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	248955	40.743	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	125921	39.230	ng		98
43) 2,4,6-Trichlorophenol	13.08	196	171274	47.597	ng		98
44) 2,4,5-Trichlorophenol	13.15	196	178680	49.116	ng		97
46) 1,1'-Biphenyl	13.49	154	562926	44.818	ng		100
47) 2-Chloronaphthalene	13.54	162	460921	48.230	ng		98
48) 2-Nitroaniline	13.72	65	143891	50.376	ng		100
49) Acenaphthylene	14.38	152	752370	50.584	ng		98
50) Dimethylphthalate	14.11	163	673125	52.635	ng		100
51) 2,6-Dinitrotoluene	14.22	165	130056	46.811	ng		93
52) Acenaphthene	14.72	154	472419	52.083	ng		99
53) 3-Nitroaniline	14.55	138	157951	58.884	ng		94
54) 2,4-Dinitrophenol	14.75	184	52815	36.005	ng	#	82
55) Dibenzofuran	15.05	168	750873	51.047	ng		99
56) 4-Nitrophenol	14.85	139	131450	73.127	ng		98
57) 2,4-Dinitrotoluene	15.00	165	188782	47.546	ng		99
58) Fluorene	15.70	166	623216	50.516	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.27	232	185487	47.990	ng	#	89
60) Diethylphthalate	15.48	149	704587	54.833	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	336330	46.731	ng		99
62) 4-Nitroaniline	15.71	138	181203	65.411	ng		98
63) Azobenzene	15.99	77	631542	60.728	ng		100
65) 4,6-Dinitro-2-methylphenol	15.77	198	80355	30.308	ng		90
66) n-Nitrosodiphenylamine	15.91	169	584389	45.946	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	230920	38.088	ng		98
68) Hexachlorobenzene	16.71	284	252931	36.344	ng		97
69) Atrazine	16.86	200	235801	53.353	ng		96
70) Pentachlorophenol	17.05	266	163541	51.572	ng		99
71) Phenanthrene	17.44	178	1129999	48.982	ng		99
72) Anthracene	17.53	178	1134056	49.133	ng		99
73) Carbazole	17.79	167	1122845	53.719	ng		99
74) Di-n-butylphthalate	18.38	149	1408959	55.555	ng		99
75) Fluoranthene	19.45	202	1588259	52.809	ng		98
77) Benzidine	19.62	184	849752	75.346	ng		99
78) Pyrene	19.81	202	1638171	47.227	ng		98
80) Butylbenzylphthalate	20.71	149	842746	64.128	ng		98
81) Benzo(a)anthracene	21.65	228	1824411	51.974	ng		97
82) 3,3'-Dichlorobenzidine	21.56	252	643211	47.376	ng		98
83) Chrysene	21.71	228	1732066	49.663	ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	1095577	58.688	ng		96
85) Di-n-octyl phthalate	22.80	149	1541981	48.687	ng		100
86) Indeno(1,2,3-cd)pyrene	28.47	276	1674831	38.257	ng	#	96
88) Benzo(b)fluoranthene	23.85	252	1482438	53.968	ng		97
89) Benzo(k)fluoranthene	23.92	252	1370124	49.547	ng		99
90) Benzo(a)pyrene	24.70	252	1363476	51.980	ng		99
91) Dibenzo(a,h)anthracene	28.54	278	1354070	50.468	ng		98
92) Benzo(g,h,i)perylene	29.60	276	1335846	50.476	ng		99

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

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