Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045025.D
Acq On : 17 Apr 2020 9:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 17 11:10:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	90569	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	383708	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	284380	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	652936	20.00	ng		0.00
76) Chrysene-d12	21.67	240	529876	20.00	ng		0.00
87) Perylene-d12	24.85	264	562220	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	405674	73.95	ng		0.00
7) Phenol-d6	7.18	99	656749	80.58	ng		0.00
23) Nitrobenzene-d5	9.18	82	671419	79.84	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	346096	78.78	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1561055	80.49	ng		0.00
79) Terphenyl-d14	20.01	244	2090111	85.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	77732	31.883	ng		99
3) Pyridine	3.88	79	266907	35.557	ng		97
4) n-Nitrosodimethylamine	3.80	42	84530	36.759	ng		98
6) Aniline	7.34	93	424757	40.081	ng		97
8) 2-Chlorophenol	7.59	128	237997	40.367	ng		99
9) Benzaldehyde	7.16	77	182442	39.604	ng		98
10) Phenol	7.21	94	324333	39.765	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	256515	39.501	ng		98
12) 1,3-Dichlorobenzene	7.91	146	271013	39.009	ng		96
13) 1,4-Dichlorobenzene	8.06	146	269604	38.945	ng		98
14) 1,2-Dichlorobenzene	8.38	146	263131	39.731	ng		96
15) Benzyl Alcohol	8.25	79	280756	41.084	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	255749	40.121	ng		99
17) 2-Methylphenol	8.47	107	254483	40.440	ng		95
18) Hexachloroethane	9.11	117	104364	40.102	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	240808	41.777	ng		98
20) 3+4-Methylphenols	8.79	107	361266	41.015	ng		99
22) Acetophenone	8.84	105	419873	40.464	ng	#	98
24) Nitrobenzene	9.22	77	343124	39.806	ng		97
25) Isophorone	9.75	82	692637	40.220	ng		98
26) 2-Nitrophenol	9.94	139	156552	42.163	ng		99
27) 2,4-Dimethylphenol	10.00	122	227426	38.603	ng		91
28) bis(2-Chloroethoxy)methane	10.23	93	365401	40.384	ng		98
29) 2,4-Dichlorophenol	10.48	162	280173	41.185	ng		100
30) 1,2,4-Trichlorobenzene	10.70	180	315299	40.936	ng		95
31) Naphthalene	10.88	128	848466	40.421	ng		99
32) Benzoic acid	10.15	122	193055	41.551	ng		96
33) 4-Chloroaniline	10.99	127	389449	39.783	ng		96
34) Hexachlorobutadiene	11.18	225	212980	40.331	ng		98
35) Caprolactam	11.76	113	103694	38.299	ng		96
36) 4-Chloro-3-methylphenol	12.11	107	323578	40.490	ng		98
37) 2-Methylnaphthalene	12.49	142	658997	40.448	ng		98
38) 1-Methylnaphthalene	12.71	142	616991	40.114	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	367087	40.091	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	225053	39.326	ng		95
43) 2,4,6-Trichlorophenol	13.09	196	263940	40.844	ng		100
44) 2,4,5-Trichlorophenol	13.16	196	297388	40.430	ng		98
46) 1,1'-Biphenyl	13.49	154	867075	40.115	ng		100
47) 2-Chloronaphthalene	13.54	162	667553	40.419	ng		99
48) 2-Nitroaniline	13.73	65	220933	40.657	ng		93
49) Acenaphthylene	14.38	152	1058620	39.351	ng		98
50) Dimethylphthalate	14.11	163	906974	39.169	ng		98
51) 2,6-Dinitrotoluene	14.22	165	206785	39.926	ng		96
52) Acenaphthene	14.72	154	730484	40.132	ng		99
53) 3-Nitroaniline	14.55	138	217113	38.221	ng		95
54) 2,4-Dinitrophenol	14.76	184	125215	40.658	ng		96
55) Dibenzofuran	15.06	168	1045897	39.413	ng		97
56) 4-Nitrophenol	14.86	139	167357	37.998	ng		97
57) 2,4-Dinitrotoluene	15.01	165	293631	38.794	ng	#	99
58) Fluorene	15.71	166	849125	39.174	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	261452	39.947	ng		99
60) Diethylphthalate	15.48	149	926487	38.377	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	496702	39.812	ng		97
62) 4-Nitroaniline	15.71	138	220145	37.365	ng		97
63) Azobenzene	15.99	77	868229	39.007	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	178380	41.563	ng		97
66) n-Nitrosodiphenylamine	15.91	169	755339	40.263	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	341942	40.594	ng		95
68) Hexachlorobenzene	16.72	284	354106	40.534	ng		97
69) Atrazine	16.86	200	264793	37.950	ng		100
70) Pentachlorophenol	17.05	266	220571	41.157	ng		97
71) Phenanthrene	17.45	178	1312654	39.122	ng		100
72) Anthracene	17.54	178	1307282	38.842	ng		99
73) Carbazole	17.80	167	1252516	36.671	ng		99
74) Di-n-butylphthalate	18.37	149	1463601	38.487	ng		100
75) Fluoranthene	19.45	202	1510182	37.228	ng		99
77) Benzidine	19.63	184	626301	40.169	ng		99
78) Pyrene	19.81	202	1485697	40.671	ng		100
80) Butylbenzylphthalate	20.70	149	620989	41.011	ng		99
81) Benzo(a)anthracene	21.65	228	1383333	40.279	ng		100
82) 3,3'-Dichlorobenzidine	21.56	252	566019	41.407	ng		99
83) Chrysene	21.71	228	1323804	40.118	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	846821	40.663	ng		98
85) Di-n-octyl phthalate	22.78	149	1461944	40.595	ng		99
86) Indeno(1,2,3-cd)pyrene	28.48	276	1717487	39.202	ng		98
88) Benzo(b)fluoranthene	23.85	252	1449116	41.148	ng		100
89) Benzo(k)fluoranthene	23.92	252	1386830	41.408	ng		98
90) Benzo(a)pyrene	24.70	252	1361129	40.936	ng		99
91) Dibenzo(a,h)anthracene	28.54	278	1418250	42.330	ng		100
92) Benzo(g,h,i)perylene	29.61	276	1370106	40.789	ng		99

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

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