Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071219\
Data File : BG041633.D
Acq On : 12 Jul 2019 10:28
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 12 11:04:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:39:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	88189	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	401414	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	249863	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	578166	20.00	ng		0.00
76) Chrysene-d12	21.67	240	531689	20.00	ng		0.00
87) Perylene-d12	24.86	264	614013	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	398953	75.91	ng		0.00
7) Phenol-d6	7.20	99	536407	75.34	ng		0.00
23) Nitrobenzene-d5	9.21	82	466608	70.84	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	197573	69.15	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1169502	73.59	ng		0.00
79) Terphenyl-d14	20.02	244	1565703	71.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	87091	36.523	ng	#	80
3) Pyridine	3.91	79	255006	41.261	ng	#	87
4) n-Nitrosodimethylamine	3.82	42	112188	35.646	ng	#	69
6) Aniline	7.37	93	361701	37.071	ng		100
8) 2-Chlorophenol	7.62	128	215421	36.639	ng		95
9) Benzaldehyde	7.19	77	138518	33.601	ng		97
10) Phenol	7.23	94	276874	37.454	ng		82
11) bis(2-Chloroethyl)ether	7.47	93	218827	36.234	ng		98
12) 1,3-Dichlorobenzene	7.95	146	265973	37.050	ng	#	87
13) 1,4-Dichlorobenzene	8.09	146	263550	36.797	ng		95
14) 1,2-Dichlorobenzene	8.41	146	248475	36.480	ng		94
15) Benzyl Alcohol	8.28	79	212762	36.870	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.59	45	474216	36.554	ng		89
17) 2-Methylphenol	8.49	107	192787	36.608	ng	#	87
18) Hexachloroethane	9.15	117	97279	36.534	ng		90
19) n-Nitroso-di-n-propylamine	8.86	70	192566	36.827	ng		95
20) 3+4-Methylphenols	8.81	107	266475	36.755	ng		89
22) Acetophenone	8.88	105	346131	34.847	ng	#	94
24) Nitrobenzene	9.25	77	242621	35.271	ng		91
25) Isophorone	9.78	82	501111	34.937	ng	#	94
26) 2-Nitrophenol	9.96	139	106086	35.031	ng	#	75
27) 2,4-Dimethylphenol	10.02	122	199434	34.951	ng		84
28) bis(2-Chloroethoxy)methane	10.26	93	310395	34.875	ng		98
29) 2,4-Dichlorophenol	10.50	162	226076	34.246	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	265619	34.527	ng		97
31) Naphthalene	10.91	128	690688	35.235	ng		99
32) Benzoic acid	10.15	122	137220	32.730	ng		84
33) 4-Chloroaniline	11.01	127	325466	34.546	ng	#	89
34) Hexachlorobutadiene	11.21	225	170695	34.286	ng		99
35) Caprolactam	11.77	113	83231	33.071	ng	#	90
36) 4-Chloro-3-methylphenol	12.12	107	236968	34.539	ng	#	83
37) 2-Methylnaphthalene	12.51	142	524247	35.004	ng	#	93
38) 1-Methylnaphthalene	12.73	142	492188	34.624	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	299456	35.371	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	177165	34.153	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	197238	35.485	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	200120	35.255	ng		97
46) 1,1'-Biphenyl	13.51	154	661603	35.833	ng		96
47) 2-Chloronaphthalene	13.55	162	538769	35.038	ng		97
48) 2-Nitroaniline	13.74	65	154635	36.335	ng	#	79
49) Acenaphthylene	14.39	152	843822	36.033	ng		98
50) Dimethylphthalate	14.13	163	696309	35.566	ng		98
51) 2,6-Dinitrotoluene	14.23	165	140676	36.021	ng	#	78
52) Acenaphthene	14.74	154	525083	34.977	ng		95
53) 3-Nitroaniline	14.56	138	155957	35.620	ng	#	91
54) 2,4-Dinitrophenol	14.76	184	60306	34.204	ng	#	81
55) Dibenzofuran	15.07	168	807518	35.909	ng		95
56) 4-Nitrophenol	14.85	139	123234	35.376	ng	#	66
57) 2,4-Dinitrotoluene	15.02	165	188111	36.619	ng		85
58) Fluorene	15.72	166	643944	35.315	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	187702	35.119	ng		95
60) Diethylphthalate	15.49	149	696370	35.181	ng		97
61) 4-Chlorophenyl-phenylether	15.71	204	365285	34.960	ng		98
62) 4-Nitroaniline	15.72	138	165291	35.575	ng	#	67
63) Azobenzene	16.00	77	610566	35.038	ng		95
65) 4,6-Dinitro-2-methylphenol	15.78	198	84032	36.152	ng		96
66) n-Nitrosodiphenylamine	15.92	169	586765	34.880	ng		100
67) 4-Bromophenyl-phenylether	16.60	248	240108	35.012	ng		97
68) Hexachlorobenzene	16.72	284	242744	34.947	ng	#	93
69) Atrazine	16.86	200	180328	31.041	ng		96
70) Pentachlorophenol	17.05	266	147371	33.619	ng		97
71) Phenanthrene	17.45	178	1036582	34.309	ng		98
72) Anthracene	17.54	178	1037783	32.843	ng		98
73) Carbazole	17.80	167	955813	32.814	ng		98
74) Di-n-butylphthalate	18.38	149	1161467	32.503	ng		97
75) Fluoranthene	19.45	202	1254946	34.499	ng		92
77) Benzidine	19.62	184	620360	39.689	ng		97
78) Pyrene	19.81	202	1263369	36.930	ng		95
80) Butylbenzylphthalate	20.70	149	537174	35.054	ng		98
81) Benzo(a)anthracene	21.64	228	1231066	33.464	ng		96
82) 3,3'-Dichlorobenzidine	21.56	252	499113	34.529	ng	#	98
83) Chrysene	21.71	228	1174791	35.875	ng		96
84) Bis(2-ethylhexyl)phthalate	21.58	149	767967	34.727	ng		99
85) Di-n-octyl phthalate	22.80	149	1326146	34.551	ng	#	95
86) Indeno(1,2,3-cd)pyrene	28.51	276	1489908	34.749	ng	#	94
88) Benzo(b)fluoranthene	23.85	252	1310102	35.939	ng	#	94
89) Benzo(k)fluoranthene	23.92	252	1276064	36.731	ng	#	95
90) Benzo(a)pyrene	24.72	252	1257927	36.008	ng	#	96
91) Dibenzo(a,h)anthracene	28.59	278	1207155	35.584	ng	#	92
92) Benzo(g,h,i)perylene	29.65	276	1190550	35.182	ng	#	88

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

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