Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070221\
Data File : BG049163.D
Acq On : 2 Jul 2021 11:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 02 13:41:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 30 15:39:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.087	152	38276	20.00	ng		0.00
21) Naphthalene-d8	10.907	136	153716	20.00	ng		# 0.00
39) Acenaphthene-d10	14.732	164	109257	20.00	ng		0.00
64) Phenanthrene-d10	17.482	188	250819	20.00	ng		# 0.00
76) Chrysene-d12	21.771	240	238882	20.00	ng		0.00
86) Perylene-d12	25.073	264	249830	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.637	112	195559	80.02	ng		0.00
7) Phenol-d6	7.241	99	282218	81.00	ng		0.00
23) Nitrobenzene-d5	9.256	82	294820	81.32	ng		0.00
42) 2,4,6-Tribromophenol	16.218	330	152624	80.58	ng		0.00
45) 2-Fluorobiphenyl	13.351	172	647012	79.90	ng		0.00
79) Terphenyl-d14	20.090	244	1099151	77.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.516	88	40874	38.10	ng	#	76
3) Pyridine	3.921	79	113462	39.11	ng		87
4) n-Nitrosodimethylamine	3.833	42	66871	40.59	ng	#	84
6) Aniline	7.405	93	163988	38.66	ng	#	92
8) 2-Chlorophenol	7.652	128	105226	39.25	ng		95
9) Benzaldehyde	7.217	77	80517	43.94	ng	#	86
10) Phenol	7.270	94	140181	40.05	ng		92
11) bis(2-Chloroethyl)ether	7.499	93	100265	39.28	ng	#	82
12) 1,3-Dichlorobenzene	7.975	146	117468	39.17	ng		95
13) 1,4-Dichlorobenzene	8.122	146	118635	39.34	ng		95
14) 1,2-Dichlorobenzene	8.445	146	112922	38.90	ng		93
15) Benzyl Alcohol	8.322	79	122593	39.96	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.610	45	171356	39.54	ng		82
17) 2-Methylphenol	8.528	107	94992	40.28	ng		97
18) Hexachloroethane	9.180	117	48168	40.00	ng		98
19) n-Nitroso-di-n-propyla...	8.898	70	98898	39.50	ng	#	97
20) 3+4-Methylphenols	8.857	107	130600	39.94	ng		95
22) Acetophenone	8.915	105	188404	41.09	ng	#	97
24) Nitrobenzene	9.297	77	153847	39.16	ng		97
25) Isophorone	9.826	82	269347	38.68	ng		97
26) 2-Nitrophenol	10.014	139	61717	39.46	ng		99
27) 2,4-Dimethylphenol	10.067	122	91948	39.19	ng		95
28) bis(2-Chloroethoxy)met...	10.308	93	128859	39.24	ng		93
29) 2,4-Dichlorophenol	10.555	162	113152	40.21	ng		92
30) 1,2,4-Trichlorobenzene	10.766	180	128975	38.92	ng		98
31) Naphthalene	10.960	128	347768	38.86	ng		99
32) Benzoic acid	10.220	122	70750	38.73	ng	#	78
33) 4-Chloroaniline	11.060	127	147276	39.80	ng		98
34) Hexachlorobutadiene	11.242	225	94609	38.64	ng		95
35) Caprolactam	11.847	113	37333	41.80	ng	#	56
36) 4-Chloro-3-methylphenol	12.182	107	127714	39.44	ng	#	92
37) 2-Methylnaphthalene	12.564	142	265963	39.46	ng		95
38) 1-Methylnaphthalene	12.781	142	251445	39.39	ng		96
40) 1,2,4,5-Tetrachloroben...	12.928	216	152499	40.01	ng		98
41) Hexachlorocyclopentadiene	12.905	237	90043	39.88	ng		96
43) 2,4,6-Trichlorophenol	13.163	196	104163	39.57	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.240	196	109980	38.21	ng		90
46) 1,1'-Biphenyl	13.563	154	331203	40.58	ng		99
47) 2-Chloronaphthalene	13.610	162	263922	39.30	ng		99
48) 2-Nitroaniline	13.810	65	100764	41.15	ng		98
49) Acenaphthylene	14.456	152	415585	39.25	ng		95
50) Dimethylphthalate	14.180	163	340106	38.79	ng		98
51) 2,6-Dinitrotoluene	14.297	165	77750	38.68	ng		92
52) Acenaphthene	14.797	154	260086	39.41	ng		96
53) 3-Nitroaniline	14.632	138	76391	39.56	ng		92
54) 2,4-Dinitrophenol	14.832	184	47341	37.25	ng		98
55) Dibenzofuran	15.132	168	423141	39.39	ng		98
56) 4-Nitrophenol	14.938	139	62186	39.52	ng		91
57) 2,4-Dinitrotoluene	15.090	165	112172	39.29	ng		95
58) Fluorene	15.778	166	350435	39.44	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.355	232	106137	39.61	ng		99
60) Diethylphthalate	15.543	149	365388	39.33	ng		96
61) 4-Chlorophenyl-phenyle...	15.766	204	189623	38.56	ng		98
62) 4-Nitroaniline	15.795	138	78234	39.00	ng	#	85
63) Azobenzene	16.060	77	367537	39.24	ng		90
65) 4,6-Dinitro-2-methylph...	15.854	198	69074	38.55	ng		91
66) n-Nitrosodiphenylamine	15.983	169	300249	38.28	ng		98
67) 4-Bromophenyl-phenylether	16.665	248	130907	38.69	ng		94
68) Hexachlorobenzene	16.788	284	141829	37.91	ng		97
69) Atrazine	16.929	200	108830	41.78	ng		98
70) Pentachlorophenol	17.129	266	88807	40.78	ng		96
71) Phenanthrene	17.523	178	554488	38.39	ng		98
72) Anthracene	17.617	178	553486	38.44	ng		98
73) Carbazole	17.881	167	529299	38.56	ng		99
74) Di-n-butylphthalate	18.434	149	611104	38.72	ng		99
75) Fluoranthene	19.532	202	686698	37.98	ng		99
77) Benzidine	19.709	184	243871	47.53	ng		97
78) Pyrene	19.891	202	685974	38.66	ng		98
80) Butylbenzylphthalate	20.772	149	256249	38.12	ng		98
81) Benzo(a)anthracene	21.747	228	674158	37.84	ng		98
82) 3,3'-Dichlorobenzidine	21.659	252	228781	37.74	ng		100
83) Chrysene	21.818	228	642348	37.95	ng		96
84) Bis(2-ethylhexyl)phtha...	21.647	149	363667	38.30	ng		96
85) Di-n-octyl phthalate	22.887	149	615491	38.52	ng		97
87) Indeno(1,2,3-cd)pyrene	28.863	276	769435	38.60	ng		98
88) Benzo(b)fluoranthene	24.021	252	695924	38.60	ng	#	96
89) Benzo(k)fluoranthene	24.092	252	667164	38.79	ng	#	99
90) Benzo(a)pyrene	24.920	252	647362	38.93	ng	#	99
91) Dibenzo(a,h)anthracene	28.939	278	651024	38.69	ng	#	98
92) Benzo(g,h,i)perylene	30.061	276	641249	38.66	ng		98

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

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