Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
Data File : BG049146.D
Acq On : 1 Jul 2021 8:54
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 01 13:38:39 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	8.090	152	30165	20.000	ng	0.00
21) Naphthalene-d8	10.916	136	120618	20.000	ng	# 0.00
39) Acenaphthene-d10	14.741	164	89571	20.000	ng	0.00
64) Phenanthrene-d10	17.485	188	211096	20.000	ng	# 0.00
76) Chrysene-d12	21.780	240	209135	20.000	ng	0.00
86) Perylene-d12	25.094	264	220858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	149112	77.424	ng	0.00
7) Phenol-d6	7.244	99	218204	79.469	ng	0.00
23) Nitrobenzene-d5	9.259	82	232746	81.811	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	129252	83.241	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	525739	79.189	ng	0.00
79) Terphenyl-d14	20.094	244	950804	77.039	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.513	88	32584	38.537	ng	# 84
3) Pyridine	3.919	79	87458	38.255	ng	# 88
4) n-Nitrosodimethylamine	3.831	42	50294	38.733	ng	# 75
6) Aniline	7.409	93	129013	38.593	ng	# 91
8) 2-Chlorophenol	7.650	128	82946	39.254	ng	91
9) Benzaldehyde	7.221	77	63401	43.899	ng	87
10) Phenol	7.268	94	111107	40.281	ng	94
11) bis(2-Chloroethyl)ether	7.503	93	77250	38.396	ng	84
12) 1,3-Dichlorobenzene	7.979	146	90618	38.343	ng	98
13) 1,4-Dichlorobenzene	8.126	146	92100	38.754	ng	99
14) 1,2-Dichlorobenzene	8.449	146	88139	38.522	ng	92
15) Benzyl Alcohol	8.325	79	96581	39.944	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.625	45	132387	38.761	ng	85
17) 2-Methylphenol	8.531	107	71968	38.720	ng	99
18) Hexachloroethane	9.183	117	37068	39.060	ng	99
19) n-Nitroso-di-n-propyla...	8.895	70	78999	40.034	ng	# 97
20) 3+4-Methylphenols	8.860	107	103188	40.046	ng	98
22) Acetophenone	8.913	105	145117	40.333	ng	# 95
24) Nitrobenzene	9.301	77	123992	40.224	ng	99
25) Isophorone	9.829	82	219674	40.198	ng	95
26) 2-Nitrophenol	10.017	139	50296	40.984	ng	98
27) 2,4-Dimethylphenol	10.070	122	72894	39.590	ng	96
28) bis(2-Chloroethoxy)met...	10.311	93	103401	40.126	ng	94
29) 2,4-Dichlorophenol	10.558	162	90253	40.874	ng	94
30) 1,2,4-Trichlorobenzene	10.775	180	100165	38.519	ng	97
31) Naphthalene	10.963	128	273079	38.885	ng	100
32) Benzoic acid	10.223	122	57241	39.736	ng	81
33) 4-Chloroaniline	11.069	127	120520	41.503	ng	98
34) Hexachlorobutadiene	11.251	225	74729	38.896	ng	97
35) Caprolactam	11.851	113	29201	41.667	ng	# 44
36) 4-Chloro-3-methylphenol	12.185	107	105572	41.551	ng	# 94
37) 2-Methylnaphthalene	12.567	142	215300	40.711	ng	97
38) 1-Methylnaphthalene	12.785	142	200365	40.006	ng	93
40) 1,2,4,5-Tetrachloroben...	12.932	216	122619	39.240	ng	97
41) Hexachlorocyclopentadiene	12.914	237	75081	40.563	ng	94
43) 2,4,6-Trichlorophenol	13.173	196	85656	39.696	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.243	196	93051	39.433	ng		91
46) 1,1'-Biphenyl	13.572	154	273685	40.901	ng		99
47) 2-Chloronaphthalene	13.613	162	212732	38.636	ng		95
48) 2-Nitroaniline	13.813	65	80343	40.017	ng		97
49) Acenaphthylene	14.459	152	346405	39.905	ng		95
50) Dimethylphthalate	14.189	163	283312	39.412	ng		100
51) 2,6-Dinitrotoluene	14.307	165	65762	39.906	ng		94
52) Acenaphthene	14.800	154	217171	40.141	ng		100
53) 3-Nitroaniline	14.636	138	61768	39.022	ng	#	96
54) 2,4-Dinitrophenol	14.841	184	39981	38.216	ng		95
55) Dibenzofuran	15.135	168	351046	39.858	ng		97
56) 4-Nitrophenol	14.941	139	53784	41.695	ng		91
57) 2,4-Dinitrotoluene	15.094	165	95160	40.652	ng		96
58) Fluorene	15.787	166	288876	39.657	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.358	232	87956	40.042	ng	#	98
60) Diethylphthalate	15.546	149	303235	39.810	ng		96
61) 4-Chlorophenyl-phenyle...	15.775	204	159537	39.569	ng		96
62) 4-Nitroaniline	15.799	138	67095	40.803	ng	#	84
63) Azobenzene	16.069	77	306858	39.960	ng		91
65) 4,6-Dinitro-2-methylph...	15.858	198	61360	40.692	ng		92
66) n-Nitrosodiphenylamine	15.987	169	255280	38.667	ng		97
67) 4-Bromophenyl-phenylether	16.668	248	109952	38.609	ng		96
68) Hexachlorobenzene	16.792	284	119187	37.856	ng		99
69) Atrazine	16.933	200	92284	42.090	ng		98
70) Pentachlorophenol	17.133	266	76965	41.997	ng		96
71) Phenanthrene	17.532	178	467517	38.461	ng		98
72) Anthracene	17.620	178	467128	38.548	ng		97
73) Carbazole	17.891	167	444073	38.437	ng		98
74) Di-n-butylphthalate	18.443	149	521227	39.238	ng		97
75) Fluoranthene	19.536	202	589309	38.725	ng		98
77) Benzidine	19.712	184	203444	45.289	ng		97
78) Pyrene	19.900	202	595304	38.324	ng		97
80) Butylbenzylphthalate	20.781	149	221015	37.556	ng		94
81) Benzo(a)anthracene	21.757	228	588358	37.718	ng		99
82) 3,3'-Dichlorobenzidine	21.668	252	201191	37.914	ng		97
83) Chrysene	21.827	228	562746	37.975	ng		97
84) Bis(2-ethylhexyl)phtha...	21.651	149	313649	37.734	ng		95
85) Di-n-octyl phthalate	22.902	149	539643	38.575	ng		98
87) Indeno(1,2,3-cd)pyrene	28.878	276	691368	39.231	ng	#	97
88) Benzo(b)fluoranthene	24.036	252	625070	39.219	ng	#	95
89) Benzo(k)fluoranthene	24.107	252	584413	38.436	ng	#	98
90) Benzo(a)pyrene	24.935	252	567453	38.596	ng	#	97
91) Dibenzo(a,h)anthracene	28.954	278	575096	38.663	ng	#	96
92) Benzo(g,h,i)perylene	30.076	276	566919	38.664	ng		98

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

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