Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070621\
Data File : BG049187.D
Acq On : 6 Jul 2021 16:09
Operator : CG/JU
Sample : M2933-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4MS

Quant Time: Jul 06 16:53:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 06 10:59:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	37739	20.000	ng	0.00
21) Naphthalene-d8	10.908	136	155457	20.000	ng	# 0.00
39) Acenaphthene-d10	14.733	164	102455	20.000	ng	0.00
64) Phenanthrene-d10	17.483	188	214931	20.000	ng	# 0.00
76) Chrysene-d12	21.766	240	197818	20.000	ng	0.00
86) Perylene-d12	25.074	264	211377	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	181941	75.511	ng	0.00
7) Phenol-d6	7.248	99	242802	70.680	ng	0.00
23) Nitrobenzene-d5	9.257	82	167574	45.702	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	116138	65.389	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	344898	45.417	ng	0.00
79) Terphenyl-d14	20.086	244	500045	42.834	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	38564	36.455	ng	# 75
3) Pyridine	3.928	79	107121	37.452	ng	91
4) n-Nitrosodimethylamine	3.834	42	80581	49.604	ng	# 84
6) Aniline	7.412	93	188071	44.968	ng	# 94
8) 2-Chlorophenol	7.653	128	135706	51.334	ng	93
9) Benzaldehyde	7.218	77	94970	52.561	ng	87
10) Phenol	7.271	94	176741	51.216	ng	92
11) bis(2-Chloroethyl)ether	7.501	93	121784	48.383	ng	82
12) 1,3-Dichlorobenzene	7.976	146	141678	47.917	ng	99
13) 1,4-Dichlorobenzene	8.123	146	143027	48.105	ng	98
14) 1,2-Dichlorobenzene	8.446	146	141127	49.302	ng	96
15) Benzyl Alcohol	8.329	79	153300	50.678	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.617	45	209757	49.089	ng	84
17) 2-Methylphenol	8.535	107	116830	50.242	ng	95
18) Hexachloroethane	9.181	117	56712	47.766	ng	99
19) n-Nitroso-di-n-propyla...	8.899	70	111803	45.287	ng	# 95
20) 3+4-Methylphenols	8.858	107	155459	48.224	ng	95
22) Acetophenone	8.916	105	222532	47.989	ng	# 95
24) Nitrobenzene	9.298	77	176461	44.416	ng	95
25) Isophorone	9.827	82	291938	41.450	ng	96
26) 2-Nitrophenol	10.015	139	51439	32.522	ng	93
27) 2,4-Dimethylphenol	10.074	122	124471	52.452	ng	93
28) bis(2-Chloroethoxy)met...	10.303	93	163989	49.376	ng	93
29) 2,4-Dichlorophenol	10.556	162	136368	47.918	ng	95
30) 1,2,4-Trichlorobenzene	10.767	180	155605	46.428	ng	97
31) Naphthalene	10.961	128	408547	45.138	ng	97
32) Benzoic acid	10.203	122	50329	29.102	ng	# 84
33) 4-Chloroaniline	11.061	127	121166	32.375	ng	# 98
34) Hexachlorobutadiene	11.243	225	114076	46.070	ng	95
35) Caprolactam	11.866	113	40229	44.539	ng	# 53
36) 4-Chloro-3-methylphenol	12.189	107	146224	44.654	ng	# 93
37) 2-Methylnaphthalene	12.565	142	308468	45.256	ng	94
38) 1-Methylnaphthalene	12.783	142	283509	43.921	ng	94
40) 1,2,4,5-Tetrachloroben...	12.929	216	178956	50.067	ng	98
41) Hexachlorocyclopentadiene	12.906	237	120242	56.792	ng	94
43) 2,4,6-Trichlorophenol	13.164	196	121440	49.202	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.247	196	124450	46.108	ng		92
46) 1,1'-Biphenyl	13.564	154	383227	50.070	ng		99
47) 2-Chloronaphthalene	13.611	162	299077	47.487	ng		97
48) 2-Nitroaniline	13.811	65	117762	51.279	ng		95
49) Acenaphthylene	14.457	152	476582	47.997	ng		95
50) Dimethylphthalate	14.181	163	425039	51.692	ng		100
51) 2,6-Dinitrotoluene	14.304	165	74433	39.488	ng		90
52) Acenaphthene	14.798	154	288005	46.539	ng		94
53) 3-Nitroaniline	14.633	138	83760	46.261	ng	#	86
54) 2,4-Dinitrophenol	14.839	184	9705	12.178	ng		88
55) Dibenzofuran	15.133	168	456832	45.346	ng		97
56) 4-Nitrophenol	14.945	139	115675	78.398	ng		90
57) 2,4-Dinitrotoluene	15.092	165	102437	38.258	ng		97
58) Fluorene	15.779	166	379418	45.537	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.356	232	105655	42.051	ng	#	98
60) Diethylphthalate	15.544	149	399306	45.830	ng		96
61) 4-Chlorophenyl-phenyle...	15.767	204	207184	44.925	ng		98
62) 4-Nitroaniline	15.797	138	91370	48.578	ng		86
63) Azobenzene	16.061	77	395676	45.046	ng		91
65) 4,6-Dinitro-2-methylph...	15.850	198	9532	6.209	ng		96
66) n-Nitrosodiphenylamine	15.985	169	329087	48.957	ng		97
67) 4-Bromophenyl-phenylether	16.666	248	144536	49.847	ng		93
68) Hexachlorobenzene	16.790	284	153841	47.991	ng		96
69) Atrazine	16.931	200	133100	59.623	ng		95
70) Pentachlorophenol	17.130	266	147442	79.018	ng		94
71) Phenanthrene	17.524	178	573302	46.321	ng		98
72) Anthracene	17.618	178	589354	47.767	ng		99
73) Carbazole	17.882	167	521024	44.293	ng		98
74) Di-n-butylphthalate	18.435	149	637553	47.139	ng		98
75) Fluoranthene	19.533	202	679334	43.844	ng		98
77) Benzidine	19.710	184	294580	69.328	ng		98
78) Pyrene	19.892	202	671462	45.700	ng		98
80) Butylbenzylphthalate	20.773	149	264306	47.482	ng		92
81) Benzo(a)anthracene	21.749	228	675549	45.785	ng		100
82) 3,3'-Dichlorobenzidine	21.660	252	201491	40.142	ng		98
83) Chrysene	21.819	228	645704	46.065	ng		96
84) Bis(2-ethylhexyl)phtha...	21.643	149	380454	48.389	ng		96
85) Di-n-octyl phthalate	22.888	149	650749	49.178	ng		97
87) Indeno(1,2,3-cd)pyrene	28.864	276	793310	47.034	ng		99
88) Benzo(b)fluoranthene	24.022	252	701130	45.965	ng	#	95
89) Benzo(k)fluoranthene	24.099	252	673531	46.285	ng	#	99
90) Benzo(a)pyrene	24.927	252	685530	48.719	ng	#	98
91) Dibenzo(a,h)anthracene	28.940	278	678613	47.668	ng	#	95
92) Benzo(g,h,i)perylene	30.056	276	614476	43.787	ng	#	98

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

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