Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
Data File : BG059829.D
Acq On : 22 Nov 2023 22:26
Operator : MA/JU
Sample : 05449-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-SED-01MS

Quant Time: Nov 23 01:30:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 01:51:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.328	152	18099	20.000	ng		-0.01
21) Naphthalene-d8	11.178	136	85196	20.000	ng		#-0.01
39) Acenaphthene-d10	14.962	164	77510	20.000	ng		# 0.00
64) Phenanthrene-d10	17.712	188	231423	20.000	ng		0.00
76) Chrysene-d12	22.042	240	206821	20.000	ng		# 0.00
86) Perylene-d12	25.632	264	233562	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.826	112	8328	7.745	ng		0.00
7) Phenol-d6	7.453	99	52224	32.773	ng		0.00
23) Nitrobenzene-d5	9.533	82	223593	100.233	ng		0.00
42) 2,4,6-Tribromophenol	16.448	330	16619	18.897	ng		0.00
45) 2-Fluorobiphenyl	13.587	172	592312	102.861	ng		0.00
79) Terphenyl-d14	20.291	244	913197	65.182	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.657	88	13534	26.797	ng	#	76
3) Pyridine	4.075	79	41948	30.409	ng		95
4) n-Nitrosodimethylamine	3.998	42	33643	45.844	ng	#	64
6) Aniline	7.647	93	66944	31.833	ng	#	85
8) 2-Chlorophenol	7.876	128	9713	8.326	ng	#	75
9) Benzaldehyde	7.471	77	8261	7.669	ng	#	79
10) Phenol	7.482	94	20481	12.471	ng		87
11) bis(2-Chloroethyl)ether	7.747	93	44569	43.594	ng		88
12) 1,3-Dichlorobenzene	8.217	146	60952	47.039	ng		99
13) 1,4-Dichlorobenzene	8.370	146	64640	49.676	ng		94
14) 1,2-Dichlorobenzene	8.687	146	62484	48.333	ng		90
15) Benzyl Alcohol	8.575	79	92253	50.768	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.857	45	17471	46.447	ng		83
17) 2-Methylphenol	8.763	107	27147	22.442	ng		95
18) Hexachloroethane	9.421	117	26271	47.567	ng		94
19) n-Nitroso-di-n-propyla...	9.133	70	52547	41.875	ng	#	92
20) 3+4-Methylphenols	9.092	107	27814	16.563	ng		85
22) Acetophenone	9.175	105	108857	45.131	ng		99
24) Nitrobenzene	9.574	77	97392	47.405	ng		94
25) Isophorone	10.079	82	175427	46.843	ng		94
26) 2-Nitrophenol	10.285	139	4011	5.325	ng	#	41
27) 2,4-Dimethylphenol	10.309	122	32148	20.992	ng		94
28) bis(2-Chloroethoxy)met...	10.567	93	73496	52.224	ng	#	86
29) 2,4-Dichlorophenol	10.808	162	8875	6.788	ng	#	56
30) 1,2,4-Trichlorobenzene	11.025	180	71632	54.208	ng	#	82
31) Naphthalene	11.231	128	219144	51.154	ng		97
33) 4-Chloroaniline	11.348	127	75792	41.595	ng		96
34) Hexachlorobutadiene	11.460	225	48226	53.623	ng		96
35) Caprolactam	12.112	113	18605	38.934	ng		92
36) 4-Chloro-3-methylphenol	12.424	107	41334	23.770	ng	#	93
37) 2-Methylnaphthalene	12.811	142	215555	59.741	ng		90
38) 1-Methylnaphthalene	13.029	142	207583	62.386	ng		99
40) 1,2,4,5-Tetrachloroben...	13.152	216	112636	53.808	ng		99
41) Hexachlorocyclopentadiene	13.105	237	131934	100.478	ng		86
43) 2,4,6-Trichlorophenol	13.470	196	7178	4.931	ng		85
44) 2,4,5-Trichlorophenol	13.470	196	7178	4.197	ng	#	69

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46) 1,1'-Biphenyl	13.799	154	314242	51.651	ng		95
47) 2-Chloronaphthalene	13.851	162	224620	53.732	ng		94
48) 2-Nitroaniline	14.069	65	89902	60.235	ng		88
49) Acenaphthylene	14.697	152	393810	55.249	ng	#	94
50) Dimethylphthalate	14.404	163	224002	37.293	ng		99
51) 2,6-Dinitrotoluene	14.551	165	69219	60.745	ng		86
52) Acenaphthene	15.027	154	233427	54.453	ng		94
53) 3-Nitroaniline	14.891	138	66317	49.720	ng	#	79
55) Dibenzofuran	15.361	168	381488	53.976	ng		94
57) 2,4-Dinitrotoluene	15.326	165	101660	58.013	ng		95
58) Fluorene	16.008	166	412273	70.211	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.567	232	1042	0.693	ng	#	56
60) Diethylphthalate	15.743	149	335824	52.130	ng		97
61) 4-Chlorophenyl-phenyle...	15.990	204	213458	70.626	ng		98
62) 4-Nitroaniline	16.049	138	80461	60.191	ng	#	66
63) Azobenzene	16.284	77	469192	65.540	ng		91
66) n-Nitrosodiphenylamine	16.207	169	368922	54.572	ng		97
67) 4-Bromophenyl-phenylether	16.889	248	138153	55.569	ng		93
68) Hexachlorobenzene	16.977	284	141850	61.131	ng		93
69) Atrazine	17.142	200	169349	78.133	ng		97
70) Pentachlorophenol	17.324	266	2732	1.543	ng	#	63
71) Phenanthrene	17.759	178	664206	56.451	ng		98
72) Anthracene	17.853	178	696531	56.975	ng		99
73) Carbazole	18.129	167	599899	56.170	ng		97
74) Di-n-butylphthalate	18.628	149	731705	56.679	ng		99
75) Fluoranthene	19.750	202	785173	55.645	ng		97
77) Benzidine	19.938	184	528943	112.785	ng		97
78) Pyrene	20.115	202	786877	55.918	ng		98
80) Butylbenzylphthalate	20.972	149	314600	54.522	ng		97
81) Benzo(a)anthracene	22.024	228	773358	54.650	ng		99
82) 3,3'-Dichlorobenzidine	21.930	252	244743	46.422	ng		94
83) Chrysene	22.095	228	689841	53.178	ng		98
84) Bis(2-ethylhexyl)phtha...	21.848	149	431344	53.475	ng		96
85) Di-n-octyl phthalate	23.182	149	730347	47.033	ng	#	96
87) Indeno(1,2,3-cd)pyrene	29.797	276	947389	53.607	ng	#	70
88) Benzo(b)fluoranthene	24.468	252	801941	62.645	ng		98
89) Benzo(k)fluoranthene	24.545	252	756906	59.807	ng		97
90) Benzo(a)pyrene	25.461	252	686671	50.261	ng	#	95
91) Dibenzo(a,h)anthracene	29.880	278	804310	53.793	ng	#	94
92) Benzo(g,h,i)perylene	31.114	276	732846	51.656	ng	#	99

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

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