Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031324\
Data File : BG060622.D
Acq On : 13 Mar 2024 11:24
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Quant Time: Mar 14 00:28:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 00:26:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.323	152	90405	20.000	ng		0.00
21) Naphthalene-d8	11.173	136	407772	20.000	ng		0.00
39) Acenaphthene-d10	14.951	164	280390	20.000	ng		0.00
64) Phenanthrene-d10	17.695	188	589689	20.000	ng		0.00
76) Chrysene-d12	22.019	240	514507	20.000	ng		0.00
86) Perylene-d12	25.574	264	568662	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.809	112	56832	9.882	ng		0.00
7) Phenol-d6	7.430	99	77313	9.267	ng		0.00
23) Nitrobenzene-d5	9.522	82	69961	8.929	ng		0.00
42) 2,4,6-Tribromophenol	16.431	330	24951	7.679	ng		0.00
45) 2-Fluorobiphenyl	13.576	172	211538	10.200	ng		0.00
79) Terphenyl-d14	20.274	244	308858	10.851	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.652	88	12967	5.387	ng		85
3) Pyridine	4.075	79	35911	5.048	ng		93
4) n-Nitrosodimethylamine	3.999	42	17822m	5.107	ng		
6) Aniline	7.642	93	48290	4.737	ng	#	96
8) 2-Chlorophenol	7.871	128	30204	4.804	ng		92
9) Benzaldehyde	7.466	77	24647	5.278	ng		97
10) Phenol	7.460	94	40614	4.852	ng		96
11) bis(2-Chloroethyl)ether	7.736	93	33510	5.022	ng		95
12) 1,3-Dichlorobenzene	8.206	146	34047	5.022	ng		96
13) 1,4-Dichlorobenzene	8.364	146	34357	4.999	ng		96
14) 1,2-Dichlorobenzene	8.682	146	34189	5.009	ng		93
15) Benzyl Alcohol	8.564	79	30291	4.593	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.846	45	62202	4.802	ng		96
17) 2-Methylphenol	8.740	107	29512	4.591	ng		97
18) Hexachloroethane	9.410	117	10864	4.628	ng		94
19) n-Nitroso-di-n-propyla...	9.122	70	25808	4.463	ng		94
20) 3+4-Methylphenols	9.070	107	40361	4.656	ng		97
22) Acetophenone	9.169	105	53747	4.916	ng	#	89
24) Nitrobenzene	9.563	77	35461	4.527	ng		98
25) Isophorone	10.068	82	74135	4.727	ng	#	98
26) 2-Nitrophenol	10.268	139	10755	5.468	ng		96
27) 2,4-Dimethylphenol	10.292	122	38728	5.580	ng		97
28) bis(2-Chloroethoxy)met...	10.556	93	46446	4.940	ng		97
29) 2,4-Dichlorophenol	10.791	162	29031	4.660	ng		93
30) 1,2,4-Trichlorobenzene	11.014	180	33075	5.001	ng		96
31) Naphthalene	11.220	128	116207	5.102	ng		98
33) 4-Chloroaniline	11.332	127	44622	4.646	ng		97
34) Hexachlorobutadiene	11.455	225	22285	4.940	ng		90
35) Caprolactam	12.101	113	8918	4.253	ng	#	66
36) 4-Chloro-3-methylphenol	12.395	107	35592	4.662	ng		94
37) 2-Methylnaphthalene	12.800	142	80378	5.110	ng		98
38) 1-Methylnaphthalene	13.018	142	75462	5.111	ng		95
40) 1,2,4,5-Tetrachloroben...	13.141	216	41346	4.802	ng		97
41) Hexachlorocyclopentadiene	13.100	237	17155	4.051	ng		96
43) 2,4,6-Trichlorophenol	13.376	196	24644	4.457	ng		91
44) 2,4,5-Trichlorophenol	13.441	196	28189	4.310	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.788	154	106741	5.008	ng		97
47) 2-Chloronaphthalene	13.840	162	76308	4.744	ng		99
48) 2-Nitroaniline	14.052	65	19410	3.656	ng		86
49) Acenaphthylene	14.681	152	127097	4.850	ng		99
50) Dimethylphthalate	14.393	163	100515	4.780	ng		100
51) 2,6-Dinitrotoluene	14.534	165	14278	3.685	ng		94
52) Acenaphthene	15.010	154	78518	5.014	ng		95
53) 3-Nitroaniline	14.863	138	18522	4.152	ng	#	94
55) Dibenzofuran	15.345	168	129362	5.103	ng		99
57) 2,4-Dinitrotoluene	15.303	165	17867	3.665	ng		98
58) Fluorene	15.991	166	99015	4.881	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.550	232	22397m	4.095	ng		
60) Diethylphthalate	15.732	149	104881	4.847	ng		97
61) 4-Chlorophenyl-phenyle...	15.973	204	50848	4.949	ng		98
62) 4-Nitroaniline	16.026	138	17689	3.873	ng		96
63) Azobenzene	16.267	77	106814	4.770	ng		96
66) n-Nitrosodiphenylamine	16.196	169	89139	4.830	ng		99
67) 4-Bromophenyl-phenylether	16.872	248	30859	4.853	ng		92
68) Hexachlorobenzene	16.960	284	35527	4.859	ng		93
69) Atrazine	17.125	200	28237	4.575	ng		93
71) Phenanthrene	17.742	178	162111	5.103	ng		97
72) Anthracene	17.830	178	159504	4.966	ng		98
73) Carbazole	18.106	167	132132	4.731	ng		98
74) Di-n-butylphthalate	18.617	149	153911	4.522	ng		99
75) Fluoranthene	19.728	202	172542	4.911	ng		97
77) Benzidine	19.916	184	53310	4.236	ng		95
78) Pyrene	20.092	202	178197	4.963	ng		98
80) Butylbenzylphthalate	20.961	149	56052	4.129	ng		96
81) Benzo(a)anthracene	21.996	228	172605	4.872	ng		98
82) 3,3'-Dichlorobenzidine	21.907	252	52677	4.412	ng		96
83) Chrysene	22.066	228	172819	5.024	ng		96
84) Bis(2-ethylhexyl)phtha...	21.843	149	85986	4.288	ng		100
85) Di-n-octyl phthalate	23.171	149	133705	4.050	ng		98
87) Indeno(1,2,3-cd)pyrene	29.687	276	176352m	4.548	ng		
88) Benzo(b)fluoranthene	24.416	252	146452	4.681	ng		97
89) Benzo(k)fluoranthene	24.499	252	158126	4.811	ng		98
90) Benzo(a)pyrene	25.403	252	144025	4.696	ng		98
91) Dibenzo(a,h)anthracene	29.786	278	154601m	4.693	ng		
92) Benzo(g,h,i)perylene	30.997	276	144861	4.544	ng		97

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

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