Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031324\
Data File : BG060624.D
Acq On : 13 Mar 2024 12:45
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Quant Time: Mar 14 00:34:10 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	8.329	152	90858	20.000	ng		0.00
21) Naphthalene-d8	11.167	136	417680	20.000	ng		0.00
39) Acenaphthene-d10	14.951	164	277017	20.000	ng		0.00
64) Phenanthrene-d10	17.700	188	570637	20.000	ng		0.00
76) Chrysene-d12	22.019	240	516988	20.000	ng		0.00
86) Perylene-d12	25.573	264	577409	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.808	112	242367	41.933	ng		0.00
7) Phenol-d6	7.436	99	354655	42.300	ng		0.00
23) Nitrobenzene-d5	9.522	82	332054	41.375	ng		0.00
42) 2,4,6-Tribromophenol	16.431	330	129431	40.321	ng		0.00
45) 2-Fluorobiphenyl	13.576	172	884429	43.166	ng		0.00
79) Terphenyl-d14	20.274	244	1286764	44.989	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.652	88	52988	21.902	ng		96
3) Pyridine	4.069	79	147746	20.663	ng		97
4) n-Nitrosodimethylamine	3.999	42	73762	21.030	ng		99
6) Aniline	7.647	93	210666	20.563	ng		97
8) 2-Chlorophenol	7.871	128	131254	20.774	ng		98
9) Benzaldehyde	7.465	77	106078	22.602	ng		99
10) Phenol	7.459	94	176508	20.981	ng		98
11) bis(2-Chloroethyl)ether	7.741	93	138435	20.643	ng		99
12) 1,3-Dichlorobenzene	8.206	146	144454	21.202	ng		96
13) 1,4-Dichlorobenzene	8.364	146	144509	20.923	ng		97
14) 1,2-Dichlorobenzene	8.681	146	141643	20.650	ng		97
15) Benzyl Alcohol	8.564	79	135851	20.495	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.834	45	276234m	21.219	ng		
17) 2-Methylphenol	8.740	107	136153	21.077	ng		98
18) Hexachloroethane	9.410	117	50189	21.273	ng		97
19) n-Nitroso-di-n-propyla...	9.128	70	122687	21.110	ng		98
20) 3+4-Methylphenols	9.069	107	180255	20.689	ng		98
22) Acetophenone	9.169	105	233626	20.863	ng	#	98
24) Nitrobenzene	9.563	77	166192	20.713	ng		95
25) Isophorone	10.074	82	331176	20.617	ng		98
26) 2-Nitrophenol	10.274	139	60556	20.000	ng		90
27) 2,4-Dimethylphenol	10.291	122	145979	20.533	ng		98
28) bis(2-Chloroethoxy)met...	10.556	93	201308	20.905	ng		98
29) 2,4-Dichlorophenol	10.791	162	129294	20.263	ng		91
30) 1,2,4-Trichlorobenzene	11.014	180	140341	20.715	ng		96
31) Naphthalene	11.220	128	486119	20.837	ng		99
32) Benzoic acid	10.362	122	70869m	19.223	ng		
33) 4-Chloroaniline	11.337	127	205521	20.891	ng		97
34) Hexachlorobutadiene	11.455	225	96539	20.891	ng		96
35) Caprolactam	12.113	113	44911	20.909	ng		89
36) 4-Chloro-3-methylphenol	12.395	107	162871	20.828	ng		96
37) 2-Methylnaphthalene	12.800	142	341309	21.182	ng		99
38) 1-Methylnaphthalene	13.018	142	318948	21.089	ng		98
40) 1,2,4,5-Tetrachloroben...	13.141	216	176978	20.803	ng		98
41) Hexachlorocyclopentadiene	13.100	237	84157	20.116	ng		96
43) 2,4,6-Trichlorophenol	13.382	196	112415	20.579	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.447	196	134217	20.770	ng		96
46) 1,1'-Biphenyl	13.793	154	441331	20.959	ng		98
47) 2-Chloronaphthalene	13.840	162	333133	20.963	ng		97
48) 2-Nitroaniline	14.052	65	104049	19.838	ng		95
49) Acenaphthylene	14.680	152	542031	20.938	ng		98
50) Dimethylphthalate	14.392	163	435245	20.950	ng		98
51) 2,6-Dinitrotoluene	14.533	165	79106	20.664	ng		97
52) Acenaphthene	15.015	154	327967	21.200	ng		97
53) 3-Nitroaniline	14.868	138	91804	20.828	ng		92
54) 2,4-Dinitrophenol	15.062	184	27445	19.650	ng		93
55) Dibenzofuran	15.344	168	527279	21.051	ng		99
56) 4-Nitrophenol	15.127	139	62733	19.073	ng		98
57) 2,4-Dinitrotoluene	15.309	165	97187	20.181	ng		97
58) Fluorene	15.996	166	424512	21.183	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.550	232	109191	20.208	ng	#	91
60) Diethylphthalate	15.738	149	448057	20.960	ng		98
61) 4-Chlorophenyl-phenyle...	15.979	204	214833	21.164	ng		97
62) 4-Nitroaniline	16.026	138	93717	20.769	ng		97
63) Azobenzene	16.273	77	469785	21.236	ng		98
65) 4,6-Dinitro-2-methylph...	16.055	198	43448	19.974	ng		96
66) n-Nitrosodiphenylamine	16.196	169	384564	21.534	ng		98
67) 4-Bromophenyl-phenylether	16.878	248	130430	21.196	ng		98
68) Hexachlorobenzene	16.966	284	148201	20.947	ng		98
69) Atrazine	17.125	200	128074	21.441	ng		97
70) Pentachlorophenol	17.318	266	87319	19.042	ng		98
71) Phenanthrene	17.741	178	662913	21.566	ng		99
72) Anthracene	17.835	178	660609	21.255	ng		99
73) Carbazole	18.106	167	580276	21.472	ng		98
74) Di-n-butylphthalate	18.617	149	709848	21.554	ng		99
75) Fluoranthene	19.733	202	732153	21.533	ng		99
77) Benzidine	19.921	184	225396	17.824	ng		99
78) Pyrene	20.098	202	769695	21.334	ng		98
80) Butylbenzylphthalate	20.961	149	280091	20.535	ng		96
81) Benzo(a)anthracene	21.995	228	741202	20.822	ng		100
82) 3,3'-Dichlorobenzidine	21.907	252	245366	20.451	ng		99
83) Chrysene	22.072	228	715983	20.715	ng		97
84) Bis(2-ethylhexyl)phtha...	21.843	149	411197	20.410	ng		99
85) Di-n-octyl phthalate	23.170	149	670011	20.195	ng		100
87) Indeno(1,2,3-cd)pyrene	29.692	276	808189	20.529	ng	#	95
88) Benzo(b)fluoranthene	24.422	252	663426	20.885	ng		99
89) Benzo(k)fluoranthene	24.498	252	696669	20.876	ng		98
90) Benzo(a)pyrene	25.403	252	647273	20.784	ng		99
91) Dibenzo(a,h)anthracene	29.780	278	683427	20.430	ng		98
92) Benzo(g,h,i)perylene	30.997	276	665311	20.552	ng		99

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

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