Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
Data File : BG060820.D
Acq On : 8 Apr 2024 11:04
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Apr 08 11:40:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	60438	20.000	ng	-0.01
21) Naphthalene-d8	10.747	136	236211	20.000	ng	-0.01
39) Acenaphthene-d10	14.583	164	182118	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	433264	20.000	ng	-0.01
76) Chrysene-d12	21.593	240	420524	20.000	ng	-0.01
86) Perylene-d12	24.725	264	498504	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	272376	75.077	ng	0.00
7) Phenol-d6	7.116	99	384736	71.442	ng	0.00
23) Nitrobenzene-d5	9.108	82	367755	88.839	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	203766	98.565	ng	0.00
45) 2-Fluorobiphenyl	13.209	172	999660	80.559	ng	-0.01
79) Terphenyl-d14	19.954	244	1868413	78.235	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.467	88	62147	41.781	ng	98
3) Pyridine	3.849	79	184664	41.158	ng	90
4) n-Nitrosodimethylamine	3.767	42	116000	43.253	ng	94
6) Aniline	7.274	93	236860	34.829	ng	98
8) 2-Chlorophenol	7.515	128	151953	36.944	ng	95
9) Benzaldehyde	7.086	77	99324	33.447	ng	99
10) Phenol	7.139	94	200307	36.446	ng	98
11) bis(2-Chloroethyl)ether	7.374	93	153982	34.702	ng	97
12) 1,3-Dichlorobenzene	7.838	146	164713	38.509	ng	96
13) 1,4-Dichlorobenzene	7.985	146	166930	38.254	ng	99
14) 1,2-Dichlorobenzene	8.303	146	163537	38.242	ng	99
15) Benzyl Alcohol	8.185	79	155605	35.671	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.479	45	350679	35.019	ng	98
17) 2-Methylphenol	8.391	107	149264	35.976	ng	97
18) Hexachloroethane	9.031	117	59418	38.339	ng	91
19) n-Nitroso-di-n-propyla...	8.755	70	140676	34.254	ng	99
20) 3+4-Methylphenols	8.714	107	201735	35.507	ng	96
22) Acetophenone	8.767	105	255806	39.275	ng	99
24) Nitrobenzene	9.149	77	188096	41.236	ng	97
25) Isophorone	9.672	82	354873	37.220	ng	100
26) 2-Nitrophenol	9.860	139	69205	43.769	ng	90
27) 2,4-Dimethylphenol	9.918	122	147939	38.626	ng	95
28) bis(2-Chloroethoxy)met...	10.159	93	211152	37.511	ng	98
29) 2,4-Dichlorophenol	10.394	162	150823	42.883	ng	96
30) 1,2,4-Trichlorobenzene	10.612	180	168252	42.247	ng	98
31) Naphthalene	10.800	128	504262	39.464	ng	99
32) Benzoic acid	10.053	122	104839	42.118	ng	96
33) 4-Chloroaniline	10.900	127	229440	38.660	ng	99
34) Hexachlorobutadiene	11.088	225	118563	44.670	ng	98
35) Caprolactam	11.669	113	54521	39.140	ng	97
36) 4-Chloro-3-methylphenol	12.028	107	180134	40.093	ng	99
37) 2-Methylnaphthalene	12.404	142	360490	38.374	ng	100
38) 1-Methylnaphthalene	12.627	142	348608	39.282	ng	98
40) 1,2,4,5-Tetrachloroben...	12.774	216	225404	43.051	ng	98
41) Hexachlorocyclopentadiene	12.756	237	114872	43.149	ng	95
43) 2,4,6-Trichlorophenol	13.009	196	148573	44.070	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	175188	43.543	ng		98
46) 1,1'-Biphenyl	13.414	154	500288	38.892	ng		99
47) 2-Chloronaphthalene	13.455	162	390063	39.911	ng		99
48) 2-Nitroaniline	13.649	65	135726	43.573	ng		93
49) Acenaphthylene	14.301	152	643376	39.178	ng		98
50) Dimethylphthalate	14.043	163	552183	38.360	ng		100
51) 2,6-Dinitrotoluene	14.149	165	102495	40.367	ng		97
52) Acenaphthene	14.642	154	410008	39.766	ng		97
53) 3-Nitroaniline	14.478	138	112235	40.190	ng		99
54) 2,4-Dinitrophenol	14.683	184	50908	50.808	ng		90
55) Dibenzofuran	14.977	168	634450	39.011	ng		98
56) 4-Nitrophenol	14.783	139	93869	44.607	ng		98
57) 2,4-Dinitrotoluene	14.936	165	141782	42.909	ng		98
58) Fluorene	15.629	166	516409	39.564	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.206	232	152553	43.509	ng		99
60) Diethylphthalate	15.412	149	544216	37.578	ng		98
61) 4-Chlorophenyl-phenyle...	15.629	204	278659	40.354	ng		93
62) 4-Nitroaniline	15.641	138	122464	46.532	ng		96
63) Azobenzene	15.923	77	528859	37.475	ng		97
65) 4,6-Dinitro-2-methylph...	15.706	198	76889	43.735	ng		95
66) n-Nitrosodiphenylamine	15.841	169	482038	38.933	ng		98
67) 4-Bromophenyl-phenylether	16.522	248	192869	43.863	ng		97
68) Hexachlorobenzene	16.634	284	204624	41.224	ng		98
69) Atrazine	16.793	200	174718	40.354	ng		99
70) Pentachlorophenol	16.975	266	143619	44.343	ng		99
71) Phenanthrene	17.374	178	877271	38.933	ng		99
72) Anthracene	17.462	178	910920	39.806	ng		99
73) Carbazole	17.727	167	796748	39.489	ng		99
74) Di-n-butylphthalate	18.309	149	958674	38.112	ng		100
75) Fluoranthene	19.384	202	1107369	40.499	ng		98
77) Benzidine	19.560	184	460002	41.542	ng		99
78) Pyrene	19.742	202	1149770	39.094	ng		99
80) Butylbenzylphthalate	20.647	149	417938	38.956	ng		98
81) Benzo(a)anthracene	21.569	228	1170184	39.477	ng		99
82) 3,3'-Dichlorobenzidine	21.493	252	421982	42.161	ng		99
83) Chrysene	21.640	228	1122336	39.282	ng		99
84) Bis(2-ethylhexyl)phtha...	21.511	149	632640	36.997	ng		99
85) Di-n-octyl phthalate	22.709	149	1078898	38.729	ng		99
87) Indeno(1,2,3-cd)pyrene	28.279	276	1371056	39.056	ng		98
88) Benzo(b)fluoranthene	23.737	252	1101148	38.449	ng		98
89) Benzo(k)fluoranthene	23.808	252	1156717	39.461	ng	#	98
90) Benzo(a)pyrene	24.578	252	1098705	39.477	ng		98
91) Dibenzo(a,h)anthracene	28.356	278	1151201	38.902	ng		96
92) Benzo(g,h,i)perylene	29.396	276	1118370	38.850	ng		99

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

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