Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020325\
Data File : BG063980.D
Acq On : 3 Feb 2025 14:26
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Quant Time: Feb 04 02:46:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 04 02:44:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.876	152	56749	20.000	ng		0.00
21) Naphthalene-d8	10.667	136	243319	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	164887	20.000	ng		0.00
64) Phenanthrene-d10	17.242	188	377635	20.000	ng	#	0.00
76) Chrysene-d12	21.472	240	407666	20.000	ng		0.00
86) Perylene-d12	24.492	264	435371	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.461	112	369397	104.365	ng		0.00
7) Phenol-d6	7.042	99	496905	102.301	ng		0.00
23) Nitrobenzene-d5	9.028	82	429429	107.261	ng		0.00
42) 2,4,6-Tribromophenol	15.984	330	179700	98.529	ng		0.00
45) 2-Fluorobiphenyl	13.129	172	1049069	97.480	ng		0.00
79) Terphenyl-d14	19.862	244	1952143	100.008	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	81445	48.452	ng		96
3) Pyridine	3.775	79	229456	50.530	ng		98
4) n-Nitrosodimethylamine	3.693	42	133432	51.124	ng		97
6) Aniline	7.206	93	261007	50.143	ng		99
8) 2-Chlorophenol	7.441	128	191799	53.179	ng		98
9) Benzaldehyde	7.018	77	127202	47.971	ng		96
10) Phenol	7.065	94	257583	50.378	ng		98
11) bis(2-Chloroethyl)ether	7.300	93	202852	49.269	ng		98
12) 1,3-Dichlorobenzene	7.765	146	210484	49.044	ng		98
13) 1,4-Dichlorobenzene	7.911	146	213441	49.244	ng		97
14) 1,2-Dichlorobenzene	8.229	146	203351	48.950	ng		97
15) Benzyl Alcohol	8.111	79	185332	51.047	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.411	45	409080	49.342	ng		99
17) 2-Methylphenol	8.311	107	171725	51.930	ng		93
18) Hexachloroethane	8.957	117	73792	51.731	ng		99
19) n-Nitroso-di-n-propyla...	8.681	70	168564	50.113	ng		98
20) 3+4-Methylphenols	8.640	107	229663	52.130	ng		99
22) Acetophenone	8.693	105	331445	49.578	ng	#	99
24) Nitrobenzene	9.069	77	227414	49.049	ng		97
25) Isophorone	9.592	82	435312	50.157	ng		99
26) 2-Nitrophenol	9.780	139	54960	49.855	ng		92
27) 2,4-Dimethylphenol	9.839	122	131756	52.775	ng		96
28) bis(2-Chloroethoxy)met...	10.079	93	274452	49.697	ng		99
29) 2,4-Dichlorophenol	10.309	162	173494	49.534	ng		99
30) 1,2,4-Trichlorobenzene	10.526	180	204286	49.807	ng		97
31) Naphthalene	10.714	128	644279	49.388	ng		100
32) Benzoic acid	9.980	122	86233m	50.091	ng		
33) 4-Chloroaniline	10.820	127	252437	50.506	ng		98
34) Hexachlorobutadiene	11.008	225	130336	49.900	ng		98
35) Caprolactam	11.584	113	64246	50.060	ng	#	86
36) 4-Chloro-3-methylphenol	11.936	107	214251	53.615	ng		99
37) 2-Methylnaphthalene	12.324	142	454167	49.960	ng		100
38) 1-Methylnaphthalene	12.541	142	442552	49.200	ng		99
40) 1,2,4,5-Tetrachloroben...	12.688	216	239330	49.220	ng		99
41) Hexachlorocyclopentadiene	12.676	237	68156	51.956	ng		97
43) 2,4,6-Trichlorophenol	12.929	196	137429	48.071	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.994	196	158823	49.288	ng		97
46) 1,1'-Biphenyl	13.334	154	613624	48.879	ng		98
47) 2-Chloronaphthalene	13.376	162	456709	49.913	ng		98
48) 2-Nitroaniline	13.570	65	124938	49.728	ng		94
49) Acenaphthylene	14.222	152	713794	50.222	ng		99
50) Dimethylphthalate	13.963	163	588395	53.820	ng		99
51) 2,6-Dinitrotoluene	14.069	165	102942	49.067	ng		98
52) Acenaphthene	14.562	154	473966	49.715	ng		97
53) 3-Nitroaniline	14.398	138	118656	48.854	ng		96
54) 2,4-Dinitrophenol	14.598	184	25036	48.933	ng		90
55) Dibenzofuran	14.897	168	762163	49.235	ng		99
56) 4-Nitrophenol	14.698	139	96236	49.148	ng		97
57) 2,4-Dinitrotoluene	14.856	165	136043	49.570	ng	#	98
58) Fluorene	15.550	166	585940	48.972	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.121	232	149725	48.217	ng		98
60) Diethylphthalate	15.332	149	632827	54.595	ng		99
61) 4-Chlorophenyl-phenyle...	15.544	204	291244	48.514	ng		100
62) 4-Nitroaniline	15.561	138	131413	50.584	ng		98
63) Azobenzene	15.837	77	681432	49.773	ng		99
65) 4,6-Dinitro-2-methylph...	15.620	198	45880	49.113	ng		94
66) n-Nitrosodiphenylamine	15.755	169	515448	49.229	ng		99
67) 4-Bromophenyl-phenylether	16.437	248	186109	49.513	ng		99
68) Hexachlorobenzene	16.548	284	213407	48.292	ng		97
69) Atrazine	16.707	200	188531	54.108	ng		96
70) Pentachlorophenol	16.889	266	126588	47.772	ng		95
71) Phenanthrene	17.283	178	982871	49.555	ng		99
72) Anthracene	17.371	178	978433	49.300	ng		99
73) Carbazole	17.635	167	930229	50.069	ng		98
74) Di-n-butylphthalate	18.217	149	1111295	57.383	ng		100
75) Fluoranthene	19.292	202	1216745	50.378	ng		99
77) Benzidine	19.474	184	462466	53.274	ng		98
78) Pyrene	19.651	202	1270395	50.478	ng		99
80) Butylbenzylphthalate	20.555	149	432573	49.082	ng		99
81) Benzo(a)anthracene	21.454	228	1305725	50.447	ng		100
82) 3,3'-Dichlorobenzidine	21.378	252	440960	54.706	ng		99
83) Chrysene	21.519	228	1292452	50.177	ng		100
84) Bis(2-ethylhexyl)phtha...	21.396	149	702362	49.670	ng		97
85) Di-n-octyl phthalate	22.553	149	1134481	49.016	ng		99
87) Indeno(1,2,3-cd)pyrene	27.912	276	1438078	51.200	ng		99
88) Benzo(b)fluoranthene	23.546	252	1299451	50.687	ng		99
89) Benzo(k)fluoranthene	23.611	252	1343233	51.026	ng		99
90) Benzo(a)pyrene	24.357	252	1166716	50.985	ng		99
91) Dibenzo(a,h)anthracene	27.982	278	1207699	50.922	ng		98
92) Benzo(g,h,i)perylene	28.981	276	1220878	50.992	ng		99

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

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