Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030325\
Data File : BG064036.D
Acq On : 3 Mar 2025 13:37
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Quant Time: Mar 04 07:11:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 04 07:06:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.861	152	33914	20.000	ng		0.00
21) Naphthalene-d8	10.652	136	153705	20.000	ng		0.00
39) Acenaphthene-d10	14.488	164	115801	20.000	ng		0.00
64) Phenanthrene-d10	17.226	188	274433	20.000	ng		0.00
76) Chrysene-d12	21.457	240	275893	20.000	ng		0.00
86) Perylene-d12	24.471	264	290250	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	33909	17.149	ng		0.00
7) Phenol-d6	7.021	99	46094	16.526	ng		0.00
23) Nitrobenzene-d5	9.012	82	41721	15.776	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	15392	21.045	ng		0.00
45) 2-Fluorobiphenyl	13.113	172	149964	19.703	ng		0.00
79) Terphenyl-d14	19.847	244	287532	21.154	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.372	88	9798	9.894	ng		97
3) Pyridine	3.760	79	24933m	10.613	ng		
4) n-Nitrosodimethylamine	3.677	42	16215	9.460	ng	#	91
6) Aniline	7.191	93	28802	9.669	ng		90
8) 2-Chlorophenol	7.426	128	16977	8.072	ng		89
9) Benzaldehyde	7.003	77	18936	11.388	ng		93
10) Phenol	7.050	94	25180	8.668	ng		94
11) bis(2-Chloroethyl)ether	7.285	93	21484	8.914	ng		98
12) 1,3-Dichlorobenzene	7.749	146	23751	9.486	ng		100
13) 1,4-Dichlorobenzene	7.902	146	24328	9.399	ng		96
14) 1,2-Dichlorobenzene	8.213	146	23420	9.477	ng		96
15) Benzyl Alcohol	8.096	79	16807	7.342	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.401	45	50506	9.303	ng		96
17) 2-Methylphenol	8.296	107	16038	8.203	ng		97
18) Hexachloroethane	8.942	117	7572	8.729	ng		91
19) n-Nitroso-di-n-propyla...	8.660	70	20575	9.416	ng		93
20) 3+4-Methylphenols	8.619	107	21417	7.635	ng		92
22) Acetophenone	8.677	105	40068	9.446	ng	#	99
24) Nitrobenzene	9.054	77	23828	8.540	ng		93
25) Isophorone	9.576	82	51189	9.109	ng		96
26) 2-Nitrophenol	9.764	139	3848	9.401	ng	#	86
27) 2,4-Dimethylphenol	9.829	122	12081	8.087	ng		87
28) bis(2-Chloroethoxy)met...	10.064	93	31224	9.037	ng		92
29) 2,4-Dichlorophenol	10.299	162	14098	10.132	ng		91
30) 1,2,4-Trichlorobenzene	10.517	180	24233	9.665	ng		99
31) Naphthalene	10.699	128	78235	9.450	ng		95
32) Benzoic acid	9.905	122	4065m	10.501	ng		
33) 4-Chloroaniline	10.804	127	28812	9.400	ng		98
34) Hexachlorobutadiene	10.992	225	16377	10.048	ng		91
35) Caprolactam	11.545	113	5269	7.049	ng	#	88
36) 4-Chloro-3-methylphenol	11.921	107	21589	8.217	ng	#	84
37) 2-Methylnaphthalene	12.309	142	59993	10.043	ng		99
38) 1-Methylnaphthalene	12.526	142	58741	9.849	ng		98
40) 1,2,4,5-Tetrachloroben...	12.679	216	30914	9.616	ng		98
41) Hexachlorocyclopentadiene	12.661	237	6281	7.318	ng		97
43) 2,4,6-Trichlorophenol	12.914	196	12245	10.418	ng		86

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44) 2,4,5-Trichlorophenol	12.984	196	13761	9.977	ng		97
46) 1,1'-Biphenyl	13.325	154	87352	9.893	ng		95
47) 2-Chloronaphthalene	13.360	162	60791	9.569	ng		97
48) 2-Nitroaniline	13.560	65	9753	9.825	ng		97
49) Acenaphthylene	14.206	152	96144	9.588	ng		97
50) Dimethylphthalate	13.942	163	64404	8.486	ng		98
51) 2,6-Dinitrotoluene	14.054	165	10232	10.144	ng		91
52) Acenaphthene	14.547	154	66590	9.701	ng		93
53) 3-Nitroaniline	14.377	138	10786	10.153	ng		84
54) 2,4-Dinitrophenol	14.588	184	3097	9.303	ng	#	81
55) Dibenzofuran	14.882	168	110960	10.110	ng		99
56) 4-Nitrophenol	14.682	139	7239m	12.314	ng		
57) 2,4-Dinitrotoluene	14.841	165	13007	10.333	ng		93
58) Fluorene	15.534	166	85966	10.157	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.105	232	13570	10.265	ng	#	96
60) Diethylphthalate	15.311	149	67177	8.367	ng	#	95
61) 4-Chlorophenyl-phenyle...	15.528	204	43505	10.168	ng		96
62) 4-Nitroaniline	15.534	138	12402	9.587	ng	#	84
63) Azobenzene	15.822	77	100578	10.005	ng		96
65) 4,6-Dinitro-2-methylph...	15.599	198	5415	10.126	ng		86
66) n-Nitrosodiphenylamine	15.740	169	71253	9.351	ng		98
67) 4-Bromophenyl-phenylether	16.421	248	27469	9.751	ng		94
68) Hexachlorobenzene	16.533	284	31066	9.902	ng		94
69) Atrazine	16.686	200	17021	9.926	ng		96
70) Pentachlorophenol	16.880	266	9923	12.444	ng		94
71) Phenanthrene	17.267	178	146177	10.011	ng		98
72) Anthracene	17.356	178	141633	9.758	ng		100
73) Carbazole	17.626	167	123225	9.554	ng		98
74) Di-n-butylphthalate	18.202	149	92692	9.992	ng		99
75) Fluoranthene	19.277	202	173083	10.121	ng		98
77) Benzidine	19.459	184	22775m	6.414	ng		
78) Pyrene	19.635	202	177365	10.075	ng		99
80) Butylbenzylphthalate	20.540	149	25382	9.602	ng		99
81) Benzo(a)anthracene	21.439	228	174139	9.904	ng		98
82) 3,3'-Dichlorobenzidine	21.363	252	40931	8.081	ng		97
83) Chrysene	21.498	228	170121	9.659	ng		98
84) Bis(2-ethylhexyl)phtha...	21.380	149	49703	9.819	ng		99
85) Di-n-octyl phthalate	22.526	149	72114	10.321	ng		93
87) Indeno(1,2,3-cd)pyrene	27.855	276	172581	8.946	ng	#	86
88) Benzo(b)fluoranthene	23.519	252	159772	9.214	ng		98
89) Benzo(k)fluoranthene	23.584	252	170936	9.686	ng		99
90) Benzo(a)pyrene	24.330	252	144851	9.367	ng		97
91) Dibenzo(a,h)anthracene	27.920	278	140840	8.838	ng		100
92) Benzo(g,h,i)perylene	28.913	276	151219	9.113	ng		98

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

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