Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082724\
Data File : BG062586.D
Acq On : 27 Aug 2024 19:54
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Quant Time: Aug 28 00:56:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 00:44:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.935	152	84893	20.000	ng		0.00
21) Naphthalene-d8	10.726	136	371192	20.000	ng	#	0.00
39) Acenaphthene-d10	14.563	164	252744	20.000	ng		0.00
64) Phenanthrene-d10	17.301	188	558100	20.000	ng		0.00
76) Chrysene-d12	21.554	240	518655	20.000	ng		0.00
86) Perylene-d12	24.633	264	605019	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.520	112	760465	160.698	ng		0.00
7) Phenol-d6	7.112	99	1050870	155.903	ng		0.01
23) Nitrobenzene-d5	9.098	82	1017855	181.986	ng		0.00
42) 2,4,6-Tribromophenol	16.049	330	463635	166.063	ng		0.00
45) 2-Fluorobiphenyl	13.188	172	2257516	146.870	ng		0.00
79) Terphenyl-d14	19.921	244	3385245	136.463	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.434	88	149034	66.112	ng		97
3) Pyridine	3.828	79	444606m	72.613	ng		
4) n-Nitrosodimethylamine	3.746	42	236237	72.293	ng		97
6) Aniline	7.265	93	474579m	74.596	ng		
8) 2-Chlorophenol	7.506	128	399460	78.351	ng		99
9) Benzaldehyde	7.077	77	252938m	59.439	ng		
10) Phenol	7.136	94	543864	77.743	ng		97
11) bis(2-Chloroethyl)ether	7.359	93	430140	75.615	ng		98
12) 1,3-Dichlorobenzene	7.829	146	447219	74.911	ng		98
13) 1,4-Dichlorobenzene	7.970	146	454003	74.633	ng		98
14) 1,2-Dichlorobenzene	8.288	146	446646	75.036	ng		98
15) Benzyl Alcohol	8.176	79	390161	83.141	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.464	45	843634	78.080	ng		99
17) 2-Methylphenol	8.376	107	365180	78.152	ng		98
18) Hexachloroethane	9.016	117	164858	81.226	ng		94
19) n-Nitroso-di-n-propyla...	8.746	70	380444	84.278	ng		99
20) 3+4-Methylphenols	8.711	107	504048	78.885	ng		99
22) Acetophenone	8.758	105	702242	75.813	ng	#	99
24) Nitrobenzene	9.139	77	543867	89.794	ng		98
25) Isophorone	9.662	82	1071103	78.950	ng		98
27) 2,4-Dimethylphenol	9.903	122	297451	83.893	ng		100
28) bis(2-Chloroethoxy)met...	10.138	93	635769	80.846	ng		98
29) 2,4-Dichlorophenol	10.379	162	441577	84.124	ng		99
30) 1,2,4-Trichlorobenzene	10.591	180	485567	75.724	ng		99
31) Naphthalene	10.779	128	1350161	72.872	ng		99
32) Benzoic acid	10.097	122	272029	93.074	ng		99
33) 4-Chloroaniline	10.890	127	510320	75.822	ng		99
34) Hexachlorobutadiene	11.067	225	322215	77.023	ng		94
35) Caprolactam	11.689	113	124100	87.694	ng		91
36) 4-Chloro-3-methylphenol	12.018	107	452497	79.559	ng		97
37) 2-Methylnaphthalene	12.383	142	930364	74.528	ng		100
38) 1-Methylnaphthalene	12.606	142	928856	74.362	ng		100
40) 1,2,4,5-Tetrachloroben...	12.753	216	562559	78.149	ng		99
41) Hexachlorocyclopentadiene	12.735	237	173091	95.636	ng		99
43) 2,4,6-Trichlorophenol	12.994	196	347718	84.396	ng		96
44) 2,4,5-Trichlorophenol	13.064	196	400208	82.422	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.393	154	1290625	76.320	ng		99
47) 2-Chloronaphthalene	13.434	162	1049567	77.761	ng		99
49) Acenaphthylene	14.281	152	1594779	77.506	ng		98
50) Dimethylphthalate	14.022	163	1290491	78.576	ng		99
51) 2,6-Dinitrotoluene	14.134	165	268338	81.273	ng		98
52) Acenaphthene	14.627	154	971314	76.513	ng		96
53) 3-Nitroaniline	14.469	138	257763	94.526	ng		99
54) 2,4-Dinitrophenol	14.668	184	140025	93.703	ng		95
55) Dibenzofuran	14.956	168	1603039	73.647	ng		98
56) 4-Nitrophenol	14.780	139	224869	87.275	ng		95
57) 2,4-Dinitrotoluene	14.921	165	355467	94.724	ng		98
58) Fluorene	15.608	166	1237801	72.415	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.185	232	363019	82.127	ng		99
60) Diethylphthalate	15.385	149	1280144	81.335	ng		99
61) 4-Chlorophenyl-phenyle...	15.602	204	669711	73.726	ng		98
62) 4-Nitroaniline	15.632	138	278366	91.988	ng		99
63) Azobenzene	15.896	77	1371094	76.663	ng		98
66) n-Nitrosodiphenylamine	15.814	169	1111173	81.971	ng		98
67) 4-Bromophenyl-phenylether	16.496	248	435117	80.996	ng		96
68) Hexachlorobenzene	16.613	284	502373	80.931	ng		98
69) Atrazine	16.760	200	232808	63.138	ng		94
70) Pentachlorophenol	16.954	266	332892	89.481	ng		99
71) Phenanthrene	17.348	178	1989576	74.026	ng		98
72) Anthracene	17.436	178	1986519	75.543	ng		98
73) Carbazole	17.706	167	1811606	74.256	ng		98
74) Di-n-butylphthalate	18.270	149	1840289	86.221	ng		100
75) Fluoranthene	19.357	202	2369764	70.432	ng		98
78) Pyrene	19.715	202	2465653	74.772	ng		97
80) Butylbenzylphthalate	20.608	149	637127	81.879	ng		97
81) Benzo(a)anthracene	21.531	228	2510769	76.010	ng		98
82) 3,3'-Dichlorobenzidine	21.449	252	755229	86.437	ng		99
83) Chrysene	21.595	228	2404891	74.404	ng		96
84) Bis(2-ethylhexyl)phtha...	21.449	149	984041	94.274	ng		100
85) Di-n-octyl phthalate	22.612	149	1823603	92.530	ng		96
87) Indeno(1,2,3-cd)pyrene	28.129	276	3081444	80.766	ng	#	94
88) Benzo(b)fluoranthene	23.664	252	2625663	77.482	ng		100
89) Benzo(k)fluoranthene	23.728	252	2619797	77.919	ng		98
90) Benzo(a)pyrene	24.492	252	2349608	78.870	ng		99
91) Dibenzo(a,h)anthracene	28.188	278	2547010	80.781	ng		99
92) Benzo(g,h,i)perylene	29.222	276	2575658	80.354	ng		99

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

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