Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082724\
Data File : BG062584.D
Acq On : 27 Aug 2024 18:32
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Quant Time: Aug 28 00:53:28 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	7.936	152	73815	20.000	ng		0.00
21) Naphthalene-d8	10.726	136	347447	20.000	ng	#	0.00
39) Acenaphthene-d10	14.557	164	231176	20.000	ng		0.00
64) Phenanthrene-d10	17.301	188	549006	20.000	ng		0.00
76) Chrysene-d12	21.549	240	530170	20.000	ng		0.00
86) Perylene-d12	24.628	264	599209	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.521	112	368078	89.454	ng		0.00
7) Phenol-d6	7.101	99	578115	98.638	ng		0.00
23) Nitrobenzene-d5	9.087	82	528706	100.989	ng		0.00
42) 2,4,6-Tribromophenol	16.044	330	254884	99.811	ng		0.00
45) 2-Fluorobiphenyl	13.182	172	1350533	96.061	ng		0.00
79) Terphenyl-d14	19.916	244	2355302	92.882	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.435	88	85785	43.765	ng		99
3) Pyridine	3.829	79	245912m	46.190	ng		
4) n-Nitrosodimethylamine	3.740	42	131274	46.201	ng		95
6) Aniline	7.260	93	277135	50.099	ng		99
8) 2-Chlorophenol	7.501	128	217613	49.089	ng		99
9) Benzaldehyde	7.072	77	171028m	46.222	ng		
10) Phenol	7.131	94	297812	48.960	ng		98
11) bis(2-Chloroethyl)ether	7.360	93	235666	47.646	ng		100
12) 1,3-Dichlorobenzene	7.824	146	248656	47.902	ng		100
13) 1,4-Dichlorobenzene	7.971	146	252251	47.691	ng		98
14) 1,2-Dichlorobenzene	8.288	146	252184	48.725	ng		98
15) Benzyl Alcohol	8.171	79	211220	51.765	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.464	45	469718	49.997	ng		96
17) 2-Methylphenol	8.376	107	203044	49.974	ng		95
18) Hexachloroethane	9.017	117	89609	50.777	ng		95
19) n-Nitroso-di-n-propyla...	8.735	70	206807	52.689	ng		98
20) 3+4-Methylphenols	8.705	107	281565	50.679	ng		99
22) Acetophenone	8.752	105	397703	45.869	ng	#	99
24) Nitrobenzene	9.128	77	294365	51.922	ng		98
25) Isophorone	9.651	82	614946	48.425	ng		98
26) 2-Nitrophenol	9.839	139	96229	49.751	ng		99
27) 2,4-Dimethylphenol	9.898	122	167723	50.537	ng		99
28) bis(2-Chloroethoxy)met...	10.133	93	360486	48.973	ng		98
29) 2,4-Dichlorophenol	10.374	162	251444	51.176	ng		98
30) 1,2,4-Trichlorobenzene	10.591	180	286402	47.716	ng		97
31) Naphthalene	10.779	128	833800	48.078	ng		99
32) Benzoic acid	10.051	122	145873	53.321	ng		98
33) 4-Chloroaniline	10.885	127	318889	50.617	ng		99
34) Hexachlorobutadiene	11.067	225	179362	45.805	ng		97
35) Caprolactam	11.666	113	65375m	49.354	ng		
36) 4-Chloro-3-methylphenol	12.007	107	253746	47.663	ng		98
37) 2-Methylnaphthalene	12.383	142	533704	45.675	ng		99
38) 1-Methylnaphthalene	12.601	142	529523	45.290	ng		99
40) 1,2,4,5-Tetrachloroben...	12.748	216	316721	48.103	ng		100
41) Hexachlorocyclopentadiene	12.730	237	88936	53.723	ng		97
43) 2,4,6-Trichlorophenol	12.988	196	194725	51.672	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.059	196	223061	50.225	ng		97
46) 1,1'-Biphenyl	13.394	154	742114	47.979	ng		99
47) 2-Chloronaphthalene	13.435	162	596413	48.310	ng		99
48) 2-Nitroaniline	13.635	65	132954	50.624	ng		99
49) Acenaphthylene	14.281	152	916538	48.700	ng		99
50) Dimethylphthalate	14.017	163	743199	49.474	ng		100
51) 2,6-Dinitrotoluene	14.128	165	139044	47.707	ng		99
52) Acenaphthene	14.622	154	561609	48.367	ng		100
53) 3-Nitroaniline	14.457	138	136860	54.871	ng		95
54) 2,4-Dinitrophenol	14.663	184	70653	51.691	ng		94
55) Dibenzofuran	14.957	168	953469	47.891	ng		99
56) 4-Nitrophenol	14.769	139	122655	52.045	ng		94
57) 2,4-Dinitrotoluene	14.916	165	185707	54.104	ng	#	96
58) Fluorene	15.603	166	741641	47.436	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.180	232	204195	50.506	ng		99
60) Diethylphthalate	15.380	149	724464	50.324	ng		99
61) 4-Chlorophenyl-phenyle...	15.597	204	390516	47.001	ng		100
62) 4-Nitroaniline	15.621	138	149508	54.015	ng		99
63) Azobenzene	15.891	77	799069	48.847	ng		99
65) 4,6-Dinitro-2-methylph...	15.679	198	100018	53.852	ng		94
66) n-Nitrosodiphenylamine	15.815	169	656210	49.210	ng		96
67) 4-Bromophenyl-phenylether	16.490	248	255510	48.351	ng		98
68) Hexachlorobenzene	16.608	284	295071	48.322	ng		97
69) Atrazine	16.761	200	164613	45.383	ng		95
70) Pentachlorophenol	16.949	266	191844	52.422	ng		99
71) Phenanthrene	17.342	178	1247016	47.166	ng		99
72) Anthracene	17.436	178	1240086	47.939	ng		99
73) Carbazole	17.701	167	1153644	48.070	ng		99
74) Di-n-butylphthalate	18.265	149	1057566	50.370	ng		100
75) Fluoranthene	19.352	202	1544298	46.659	ng		99
77) Benzidine	19.534	184	426339	50.052	ng		99
78) Pyrene	19.716	202	1627605	48.286	ng		100
80) Butylbenzylphthalate	20.609	149	356390	47.042	ng		99
81) Benzo(a)anthracene	21.531	228	1618638	47.938	ng		99
82) 3,3'-Dichlorobenzidine	21.449	252	461639	51.688	ng		98
83) Chrysene	21.596	228	1585067	47.975	ng		100
84) Bis(2-ethylhexyl)phtha...	21.449	149	573798	53.778	ng		100
85) Di-n-octyl phthalate	22.612	149	1032422	51.248	ng		98
87) Indeno(1,2,3-cd)pyrene	28.118	276	1862726	49.296	ng	#	94
88) Benzo(b)fluoranthene	23.658	252	1623697	48.379	ng		99
89) Benzo(k)fluoranthene	23.723	252	1638552	49.207	ng		99
90) Benzo(a)pyrene	24.487	252	1435773	48.663	ng		99
91) Dibenzo(a,h)anthracene	28.177	278	1555930	49.827	ng		97
92) Benzo(g,h,i)perylene	29.205	276	1567993	49.392	ng		99

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

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