Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082724\
Data File : BG062583.D
Acq On : 27 Aug 2024 17:50
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: Aug 28 00:52:17 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	65855	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	305254	20.000	ng	0.00
39) Acenaphthene-d10	14.556	164	211577	20.000	ng	0.00
64) Phenanthrene-d10	17.300	188	501980	20.000	ng	0.00
76) Chrysene-d12	21.548	240	498080	20.000	ng	0.00
86) Perylene-d12	24.627	264	561708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.520	112	264979	72.182	ng	0.00
7) Phenol-d6	7.100	99	426500	81.566	ng	0.00
23) Nitrobenzene-d5	9.092	82	388710	84.511	ng	0.00
42) 2,4,6-Tribromophenol	16.043	330	195018	83.442	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	1067698	82.978	ng	0.00
79) Terphenyl-d14	19.915	244	1980702	83.142	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	77354	44.234	ng	100
3) Pyridine	3.828	79	211072m	44.438	ng	
4) n-Nitrosodimethylamine	3.745	42	110175	43.462	ng	100
6) Aniline	7.259	93	196891	39.895	ng	100
8) 2-Chlorophenol	7.500	128	163717	41.395	ng	100
9) Benzaldehyde	7.077	77	133172	40.341	ng	100
10) Phenol	7.130	94	220525	40.636	ng	100
11) bis(2-Chloroethyl)ether	7.359	93	182428	41.340	ng	100
12) 1,3-Dichlorobenzene	7.823	146	187149	40.411	ng	100
13) 1,4-Dichlorobenzene	7.970	146	192358	40.763	ng	100
14) 1,2-Dichlorobenzene	8.287	146	191179	41.403	ng	100
15) Benzyl Alcohol	8.170	79	153496	42.165	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.463	45	353103	42.128	ng	100
17) 2-Methylphenol	8.375	107	153137	42.247	ng	100
18) Hexachloroethane	9.016	117	66039	41.944	ng	100
19) n-Nitroso-di-n-propyla...	8.734	70	156649	44.734	ng	100
20) 3+4-Methylphenols	8.704	107	211056	42.580	ng	100
22) Acetophenone	8.751	105	310485	40.760	ng	100
24) Nitrobenzene	9.133	77	213522	42.868	ng	100
25) Isophorone	9.656	82	485693	43.533	ng	100
26) 2-Nitrophenol	9.838	139	68203	40.673	ng	100
27) 2,4-Dimethylphenol	9.903	122	122053	41.860	ng	100
28) bis(2-Chloroethoxy)met...	10.132	93	269575	41.684	ng	100
29) 2,4-Dichlorophenol	10.373	162	184071	42.642	ng	100
30) 1,2,4-Trichlorobenzene	10.590	180	219547	41.634	ng	100
31) Naphthalene	10.778	128	644087	42.273	ng	100
32) Benzoic acid	10.038	122	95513	39.739	ng	100
33) 4-Chloroaniline	10.884	127	240325	43.420	ng	100
34) Hexachlorobutadiene	11.066	225	137302	39.911	ng	100
35) Caprolactam	11.660	113	48784m	41.919	ng	
36) 4-Chloro-3-methylphenol	12.006	107	197634	42.254	ng	100
37) 2-Methylnaphthalene	12.382	142	414786	40.404	ng	100
38) 1-Methylnaphthalene	12.600	142	419495	40.838	ng	100
40) 1,2,4,5-Tetrachloroben...	12.752	216	251066	41.663	ng	100
41) Hexachlorocyclopentadiene	12.729	237	65178	43.019	ng	100
43) 2,4,6-Trichlorophenol	12.987	196	151518	43.931	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.064	196	172119	42.345	ng	100
46) 1,1'-Biphenyl	13.393	154	583796	41.240	ng	100
47) 2-Chloronaphthalene	13.434	162	462086	40.897	ng	100
48) 2-Nitroaniline	13.634	65	93845	39.867	ng	100
49) Acenaphthylene	14.280	152	721891	41.910	ng	100
50) Dimethylphthalate	14.016	163	579260	42.133	ng	100
51) 2,6-Dinitrotoluene	14.127	165	101830	38.942	ng	100
52) Acenaphthene	14.621	154	440455	41.447	ng	100
53) 3-Nitroaniline	14.456	138	99197	43.455	ng	100
54) 2,4-Dinitrophenol	14.662	184	52272	41.786	ng	100
55) Dibenzofuran	14.956	168	756913	41.540	ng	100
56) 4-Nitrophenol	14.768	139	92158	42.727	ng	100
57) 2,4-Dinitrotoluene	14.915	165	137946	43.912	ng	100
58) Fluorene	15.602	166	589915	41.227	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.185	232	157163	42.474	ng	100
60) Diethylphthalate	15.379	149	557629	42.323	ng	100
61) 4-Chlorophenyl-phenyle...	15.596	204	308444	40.562	ng	100
62) 4-Nitroaniline	15.620	138	110494	43.618	ng	100
63) Azobenzene	15.890	77	633602	42.320	ng	100
65) 4,6-Dinitro-2-methylph...	15.678	198	74346	43.779	ng	100
66) n-Nitrosodiphenylamine	15.814	169	514534	42.200	ng	100
67) 4-Bromophenyl-phenylether	16.489	248	203355	42.086	ng	100
68) Hexachlorobenzene	16.607	284	231804	41.518	ng	100
69) Atrazine	16.760	200	131736	39.722	ng	100
70) Pentachlorophenol	16.953	266	149931	44.807	ng	100
71) Phenanthrene	17.341	178	1013641	41.931	ng	100
72) Anthracene	17.435	178	1009644	42.687	ng	100
73) Carbazole	17.700	167	926395	42.217	ng	100
74) Di-n-butylphthalate	18.264	149	824032	42.924	ng	100
75) Fluoranthene	19.351	202	1280488	42.312	ng	100
77) Benzidine	19.533	184	323211	41.232	ng	100
78) Pyrene	19.715	202	1329899	41.996	ng	100
80) Butylbenzylphthalate	20.608	149	266393	38.437	ng	100
81) Benzo(a)anthracene	21.530	228	1319159	41.585	ng	100
82) 3,3'-Dichlorobenzidine	21.448	252	359404	42.833	ng	100
83) Chrysene	21.595	228	1285937	41.429	ng	100
84) Bis(2-ethylhexyl)phtha...	21.448	149	442313	44.126	ng	100
85) Di-n-octyl phthalate	22.611	149	796416	42.080	ng	100
87) Indeno(1,2,3-cd)pyrene	28.111	276	1481088	41.813	ng	100
88) Benzo(b)fluoranthene	23.657	252	1310935	41.668	ng	100
89) Benzo(k)fluoranthene	23.722	252	1333450	42.718	ng	100
90) Benzo(a)pyrene	24.486	252	1170810	42.331	ng	100
91) Dibenzo(a,h)anthracene	28.176	278	1229534	42.003	ng	100
92) Benzo(g,h,i)perylene	29.198	276	1241956	41.734	ng	100

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

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