Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040725\
Data File : BG064203.D
Acq On : 7 Apr 2025 13:40
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Quant Time: Apr 07 16:06:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 07 15:51:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.862	152	33840	20.000	ng		0.00
21) Naphthalene-d8	10.647	136	159501	20.000	ng		0.00
39) Acenaphthene-d10	14.483	164	109813	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	240363	20.000	ng		0.00
76) Chrysene-d12	21.458	240	243539	20.000	ng		0.00
86) Perylene-d12	24.472	264	262382	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.447	112	350169	166.424	ng		0.00
7) Phenol-d6	7.033	99	502790	168.760	ng		0.01
23) Nitrobenzene-d5	9.019	82	536875	167.976	ng		0.00
42) 2,4,6-Tribromophenol	15.976	330	240046	162.805	ng		0.00
45) 2-Fluorobiphenyl	13.115	172	1200425	158.964	ng		0.00
79) Terphenyl-d14	19.848	244	1876050	153.677	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.367	88	64205	76.990	ng		96
3) Pyridine	3.755	79	191392m	86.770	ng		
4) n-Nitrosodimethylamine	3.673	42	145523	84.769	ng		99
6) Aniline	7.192	93	188337	68.471	ng		97
8) 2-Chlorophenol	7.427	128	199947	85.096	ng		96
10) Phenol	7.057	94	254929	86.327	ng		98
11) bis(2-Chloroethyl)ether	7.286	93	186900	81.760	ng		98
12) 1,3-Dichlorobenzene	7.750	146	206550	80.992	ng		97
13) 1,4-Dichlorobenzene	7.897	146	208657	81.198	ng		97
14) 1,2-Dichlorobenzene	8.214	146	207551	81.483	ng		95
15) Benzyl Alcohol	8.097	79	219688	84.758	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.391	45	412631	80.855	ng		99
17) 2-Methylphenol	8.303	107	178284	83.901	ng		97
18) Hexachloroethane	8.937	117	82602	82.316	ng		90
19) n-Nitroso-di-n-propyla...	8.673	70	181387	81.303	ng		97
20) 3+4-Methylphenols	8.632	107	247869	82.699	ng		95
22) Acetophenone	8.679	105	349116	80.040	ng	#	97
24) Nitrobenzene	9.060	77	260278	81.752	ng		97
25) Isophorone	9.583	82	464378	79.259	ng		99
26) 2-Nitrophenol	9.760	139	117470	88.118	ng		95
27) 2,4-Dimethylphenol	9.824	122	150111	82.771	ng		98
28) bis(2-Chloroethoxy)met...	10.059	93	271994	80.399	ng		96
29) 2,4-Dichlorophenol	10.300	162	201289	84.370	ng		93
30) 1,2,4-Trichlorobenzene	10.512	180	215522	81.932	ng		98
31) Naphthalene	10.700	128	693364	79.730	ng		99
32) Benzoic acid	10.024	122	173451m	91.655	ng		
33) 4-Chloroaniline	10.811	127	248615	79.012	ng		98
34) Hexachlorobutadiene	10.988	225	148722	80.974	ng		96
35) Caprolactam	11.599	113	70815m	78.295	ng		
36) 4-Chloro-3-methylphenol	11.934	107	255215	79.858	ng		98
37) 2-Methylnaphthalene	12.310	142	505049	79.834	ng		99
38) 1-Methylnaphthalene	12.527	142	499387	79.697	ng		100
40) 1,2,4,5-Tetrachloroben...	12.674	216	267142	82.114	ng		98
41) Hexachlorocyclopentadiene	12.662	237	104502	89.351	ng		98
43) 2,4,6-Trichlorophenol	12.915	196	175337	84.494	ng		94
44) 2,4,5-Trichlorophenol	12.985	196	197508	84.845	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.320	154	696748	81.643	ng		99
47) 2-Chloronaphthalene	13.361	162	500937	81.456	ng		99
48) 2-Nitroaniline	13.561	65	194294	86.256	ng		94
49) Acenaphthylene	14.207	152	785207	81.304	ng		99
50) Dimethylphthalate	13.949	163	660580	78.442	ng		100
51) 2,6-Dinitrotoluene	14.060	165	144452	83.955	ng		89
52) Acenaphthene	14.554	154	517867	80.055	ng		100
53) 3-Nitroaniline	14.390	138	143073	84.974	ng		97
54) 2,4-Dinitrophenol	14.595	184	91943	81.153	ng		86
55) Dibenzofuran	14.883	168	828407	79.766	ng		99
56) 4-Nitrophenol	14.701	139	121549	89.313	ng		93
57) 2,4-Dinitrotoluene	14.848	165	203658	83.305	ng	#	92
58) Fluorene	15.535	166	641397	77.874	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.112	232	186667	82.878	ng	#	98
60) Diethylphthalate	15.312	149	715830	79.610	ng		98
61) 4-Chlorophenyl-phenyle...	15.529	204	325474	78.835	ng		98
62) 4-Nitroaniline	15.559	138	148768	86.812	ng		95
63) Azobenzene	15.823	77	701864	79.601	ng		98
65) 4,6-Dinitro-2-methylph...	15.612	198	131471	93.176	ng		95
66) n-Nitrosodiphenylamine	15.747	169	560284	79.816	ng		99
67) 4-Bromophenyl-phenylether	16.422	248	217335	80.655	ng		95
68) Hexachlorobenzene	16.534	284	231179	79.285	ng		96
70) Pentachlorophenol	16.875	266	165277	90.564	ng		99
71) Phenanthrene	17.268	178	1011827	78.009	ng		100
72) Anthracene	17.357	178	1020965	79.132	ng		99
73) Carbazole	17.627	167	937240	79.474	ng		98
74) Di-n-butylphthalate	18.197	149	1164790	78.761	ng		99
75) Fluoranthene	19.278	202	1197551	77.109	ng		99
77) Benzidine	19.460	184	350296	109.854	ng		100
78) Pyrene	19.642	202	1241726	79.331	ng		98
80) Butylbenzylphthalate	20.535	149	526361	82.702	ng		95
81) Benzo(a)anthracene	21.440	228	1270039	80.624	ng		100
82) 3,3'-Dichlorobenzidine	21.364	252	430769	81.111	ng		99
83) Chrysene	21.505	228	1226196	79.353	ng		99
84) Bis(2-ethylhexyl)phtha...	21.370	149	760796	80.029	ng		99
85) Di-n-octyl phthalate	22.515	149	1348999	81.830	ng		99
87) Indeno(1,2,3-cd)pyrene	27.880	276	1479341	81.452	ng	#	93
88) Benzo(b)fluoranthene	23.526	252	1294381	80.112	ng		98
89) Benzo(k)fluoranthene	23.590	252	1286440	81.452	ng		97
90) Benzo(a)pyrene	24.337	252	1157946	82.062	ng		100
91) Dibenzo(a,h)anthracene	27.950	278	1225232	81.848	ng		98
92) Benzo(g,h,i)perylene	28.949	276	1236276	81.599	ng		97

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

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