Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
Data File : BM047146.D
Acq On : 10 Aug 2024 17:11
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Aug 11 23:35:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:24:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.375	152	381037	20.000	ng		0.00
21) Naphthalene-d8	10.133	136	1526728	20.000	ng		0.00
39) Acenaphthene-d10	14.033	164	991306	20.000	ng		0.00
64) Phenanthrene-d10	16.798	188	2082135	20.000	ng		0.00
76) Chrysene-d12	21.033	240	1812683	20.000	ng		0.00
86) Perylene-d12	23.733	264	2151546	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.028	112	2449346	114.860	ng		0.00
7) Phenol-d6	6.593	99	3414785	116.214	ng		0.00
23) Nitrobenzene-d5	8.528	82	3495384	115.282	ng		0.00
42) 2,4,6-Tribromophenol	15.545	330	1391826	121.088	ng		0.00
45) 2-Fluorobiphenyl	12.645	172	7500034	116.705	ng		0.00
79) Terphenyl-d14	19.462	244	10315735	121.942	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.034	88	505618	57.225	ng		98
3) Pyridine	3.410	79	1511433m	58.377	ng		
4) n-Nitrosodimethylamine	3.334	42	666445	58.875	ng		99
6) Aniline	6.728	93	1595030	57.431	ng		100
8) 2-Chlorophenol	6.957	128	1333099	57.317	ng		98
9) Benzaldehyde	6.540	77	733143	58.359	ng		100
10) Phenol	6.616	94	1688399	57.586	ng		99
11) bis(2-Chloroethyl)ether	6.834	93	1446822	57.623	ng		100
12) 1,3-Dichlorobenzene	7.263	146	1592469	57.619	ng		98
13) 1,4-Dichlorobenzene	7.410	146	1614359	57.691	ng		99
14) 1,2-Dichlorobenzene	7.722	146	1495805	56.653	ng		99
15) Benzyl Alcohol	7.634	79	1258590	60.184	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.916	45	1768027	54.811	ng		99
17) 2-Methylphenol	7.839	107	1134669	58.008	ng		99
18) Hexachloroethane	8.428	117	639660	59.012	ng		100
19) n-Nitroso-di-n-propyla...	8.192	70	1096068	55.379	ng		99
20) 3+4-Methylphenols	8.169	107	1605895	58.726	ng		99
22) Acetophenone	8.198	105	2070558	56.185	ng	#	98
24) Nitrobenzene	8.569	77	1733451	56.777	ng		100
25) Isophorone	9.098	82	3108196	58.876	ng		98
26) 2-Nitrophenol	9.269	139	865172	63.987	ng		97
27) 2,4-Dimethylphenol	9.345	122	957294	60.441	ng		98
28) bis(2-Chloroethoxy)met...	9.581	93	1895700	57.068	ng		99
29) 2,4-Dichlorophenol	9.798	162	1451562	61.767	ng		100
30) 1,2,4-Trichlorobenzene	10.004	180	1589392	59.763	ng		99
31) Naphthalene	10.186	128	4415000	58.049	ng		100
32) Benzoic acid	9.575	122	1248981	67.498	ng		99
33) 4-Chloroaniline	10.316	127	1718710	58.764	ng		100
34) Hexachlorobutadiene	10.469	225	965378	62.017	ng		100
35) Caprolactam	11.151	113	503257m	61.664	ng		
36) 4-Chloro-3-methylphenol	11.463	107	1512201	60.420	ng		100
37) 2-Methylnaphthalene	11.810	142	3194966	59.000	ng		99
38) 1-Methylnaphthalene	12.033	142	3159405	59.033	ng		97
40) 1,2,4,5-Tetrachloroben...	12.192	216	1663474	61.523	ng		99
41) Hexachlorocyclopentadiene	12.169	237	620612	65.733	ng		97
43) 2,4,6-Trichlorophenol	12.451	196	1202229	62.557	ng		98

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44) 2,4,5-Trichlorophenol	12.522	196	1329069	62.287	ng		98
46) 1,1'-Biphenyl	12.857	154	4126067	58.466	ng		99
47) 2-Chloronaphthalene	12.892	162	3192787	57.882	ng		99
48) 2-Nitroaniline	13.121	65	1051464	60.847	ng		100
49) Acenaphthylene	13.751	152	4765674	58.613	ng		100
50) Dimethylphthalate	13.521	163	4059126	58.629	ng		99
51) 2,6-Dinitrotoluene	13.633	165	995456	61.508	ng		96
52) Acenaphthene	14.104	154	3025820	58.668	ng		99
53) 3-Nitroaniline	13.969	138	1000744	61.708	ng		100
54) 2,4-Dinitrophenol	14.180	184	647477	66.750	ng		97
55) Dibenzofuran	14.445	168	4709496	57.809	ng		99
56) 4-Nitrophenol	14.304	139	879989	62.927	ng		96
57) 2,4-Dinitrotoluene	14.433	165	1323234	61.255	ng		98
58) Fluorene	15.098	166	3885304	57.801	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.680	232	1088974	62.097	ng		98
60) Diethylphthalate	14.904	149	4128072	58.389	ng		99
61) 4-Chlorophenyl-phenyle...	15.104	204	1916971	59.903	ng		96
62) 4-Nitroaniline	15.145	138	978393	61.238	ng		99
63) Azobenzene	15.398	77	3820106	56.986	ng		98
65) 4,6-Dinitro-2-methylph...	15.204	198	799367	65.573	ng		96
66) n-Nitrosodiphenylamine	15.327	169	3326078	58.648	ng		99
67) 4-Bromophenyl-phenylether	15.998	248	1234868	61.547	ng		98
68) Hexachlorobenzene	16.104	284	1431249	59.562	ng		97
69) Atrazine	16.298	200	906491	53.118	ng		99
70) Pentachlorophenol	16.457	266	1086504	64.503	ng		99
71) Phenanthrene	16.839	178	6082429	58.208	ng		100
72) Anthracene	16.933	178	6001835	59.030	ng		99
73) Carbazole	17.209	167	5990202	57.702	ng		100
74) Di-n-butylphthalate	17.798	149	7121063	58.952	ng		100
75) Fluoranthene	18.874	202	7540518	59.328	ng		99
77) Benzidine	19.074	184	2113957	68.768	ng		100
78) Pyrene	19.239	202	7862143	60.744	ng		100
80) Butylbenzylphthalate	20.180	149	3347760	63.380	ng		96
81) Benzo(a)anthracene	21.015	228	7197782	59.814	ng		99
82) 3,3'-Dichlorobenzidine	20.956	252	2319044	61.593	ng		99
83) Chrysene	21.074	228	6712104	58.790	ng		99
84) Bis(2-ethylhexyl)phtha...	20.980	149	4599112	61.396	ng	#	99
85) Di-n-octyl phthalate	22.009	149	8171642	64.180	ng		99
87) Indeno(1,2,3-cd)pyrene	26.744	276	7917132	56.929	ng		99
88) Benzo(b)fluoranthene	22.897	252	7789248	60.962	ng		99
89) Benzo(k)fluoranthene	22.950	252	7202578	59.680	ng		99
90) Benzo(a)pyrene	23.615	252	6751397	60.997	ng		99
91) Dibenzo(a,h)anthracene	26.791	278	6367453	56.576	ng		100
92) Benzo(g,h,i)perylene	27.679	276	6483852	55.488	ng		99

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

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