Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
Data File : BM037239.D
Acq On : 26 Oct 2022 15:23
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Oct 26 16:34:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 16:28:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.887	152	260252	20.000	ng		0.00
21) Naphthalene-d8	10.692	136	1023222	20.000	ng		0.00
39) Acenaphthene-d10	14.521	164	637245	20.000	ng		0.00
64) Phenanthrene-d10	17.262	188	1314297	20.000	ng		0.00
76) Chrysene-d12	21.439	240	1327186	20.000	ng		0.00
86) Perylene-d12	23.803	264	1076924	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1515644	103.355	ng		0.00
7) Phenol-d6	7.063	99	2156067	104.671	ng		0.00
23) Nitrobenzene-d5	9.063	82	2256630	117.962	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	1083642	216.820	ng		0.00
45) 2-Fluorobiphenyl	13.151	172	5612933	135.814	ng		0.00
79) Terphenyl-d14	19.886	244	8173595	122.704	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	290192	45.927	ng		100
3) Pyridine	3.746	79	906186m	46.463	ng		
4) n-Nitrosodimethylamine	3.657	42	373482	44.119	ng		98
6) Aniline	7.222	93	1348899	51.575	ng		98
8) 2-Chlorophenol	7.451	128	1031185	58.932	ng		99
9) Benzaldehyde	7.034	77	534676m	40.526	ng		
10) Phenol	7.092	94	1202099	50.952	ng		100
11) bis(2-Chloroethyl)ether	7.322	93	961442	49.889	ng		98
12) 1,3-Dichlorobenzene	7.775	146	1129623	58.924	ng		99
13) 1,4-Dichlorobenzene	7.922	146	1162816	59.186	ng		99
14) 1,2-Dichlorobenzene	8.239	146	1121063	59.569	ng		99
15) Benzyl Alcohol	8.139	79	842917	52.521	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.428	45	1231199	43.742	ng		98
17) 2-Methylphenol	8.339	107	834348	54.163	ng		99
18) Hexachloroethane	8.963	117	408031	56.297	ng		98
19) n-Nitroso-di-n-propyla...	8.710	70	778251	49.739	ng		99
20) 3+4-Methylphenols	8.675	107	1163353	54.936	ng		100
22) Acetophenone	8.722	105	1496954	58.286	ng	#	99
24) Nitrobenzene	9.104	77	1132846	55.996	ng		98
25) Isophorone	9.633	82	1982730	56.063	ng		99
26) 2-Nitrophenol	9.810	139	566629	83.612	ng		99
27) 2,4-Dimethylphenol	9.875	122	805487	61.552	ng		98
28) bis(2-Chloroethoxy)met...	10.110	93	1152552	53.875	ng		99
29) 2,4-Dichlorophenol	10.345	162	1011005	73.168	ng		97
30) 1,2,4-Trichlorobenzene	10.551	180	1094975	73.596	ng		99
31) Naphthalene	10.745	128	3346603	60.540	ng		99
32) Benzoic acid	10.057	122	718476	71.932	ng		98
33) 4-Chloroaniline	10.863	127	1345001	60.528	ng		99
34) Hexachlorobutadiene	11.016	225	692294	85.081	ng		99
35) Caprolactam	11.692	113	306097	64.194	ng		94
36) 4-Chloro-3-methylphenol	11.986	107	977756	60.191	ng		99
37) 2-Methylnaphthalene	12.351	142	2364120	63.667	ng		99
38) 1-Methylnaphthalene	12.569	142	2310240	63.569	ng		100
40) 1,2,4,5-Tetrachloroben...	12.716	216	1238845	79.192	ng		100
41) Hexachlorocyclopentadiene	12.692	237	651461	85.017	ng		99
43) 2,4,6-Trichlorophenol	12.963	196	852749	79.510	ng		99

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44) 2,4,5-Trichlorophenol	13.033	196	931248	78.008	ng		100
46) 1,1'-Biphenyl	13.363	154	2913422	62.014	ng		99
47) 2-Chloronaphthalene	13.404	162	2333844	64.690	ng		100
48) 2-Nitroaniline	13.621	65	654429	56.986	ng		95
49) Acenaphthylene	14.251	152	3693706	63.221	ng		99
50) Dimethylphthalate	13.998	163	2934318	65.297	ng		100
51) 2,6-Dinitrotoluene	14.116	165	632177	70.406	ng		94
52) Acenaphthene	14.586	154	2238999	61.668	ng		99
53) 3-Nitroaniline	14.445	138	699438	64.885	ng		98
54) 2,4-Dinitrophenol	14.651	184	401463	89.093	ng		93
55) Dibenzofuran	14.921	168	3577571	65.081	ng		99
56) 4-Nitrophenol	14.751	139	558022	64.753	ng		97
57) 2,4-Dinitrotoluene	14.898	165	870977	74.642	ng		99
58) Fluorene	15.568	166	2947749	65.452	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	835637	84.636	ng		99
60) Diethylphthalate	15.351	149	2868075	61.536	ng		98
61) 4-Chlorophenyl-phenyle...	15.563	204	1470995	74.740	ng		98
62) 4-Nitroaniline	15.610	138	733676	66.372	ng		99
63) Azobenzene	15.857	77	2568767	49.556	ng		99
65) 4,6-Dinitro-2-methylph...	15.663	198	544861	83.377	ng		96
66) n-Nitrosodiphenylamine	15.786	169	2462239	60.637	ng		98
67) 4-Bromophenyl-phenylether	16.457	248	902989	74.505	ng		99
68) Hexachlorobenzene	16.568	284	1093854	81.502	ng		95
69) Atrazine	16.733	200	695879	62.208	ng		98
70) Pentachlorophenol	16.915	266	686897	83.392	ng		99
71) Phenanthrene	17.309	178	4598273	62.492	ng		100
72) Anthracene	17.398	178	4447879	63.393	ng		99
73) Carbazole	17.674	167	4043746	61.747	ng		100
74) Di-n-butylphthalate	18.227	149	4917229	59.960	ng		100
75) Fluoranthene	19.321	202	5438649	71.838	ng		99
77) Benzidine	19.509	184	1129134	40.550	ng		100
78) Pyrene	19.680	202	5643301	56.464	ng		99
80) Butylbenzylphthalate	20.580	149	2138297	51.900	ng		92
81) Benzo(a)anthracene	21.427	228	5320186	61.717	ng		100
82) 3,3'-Dichlorobenzidine	21.362	252	1568254	67.019	ng		100
83) Chrysene	21.480	228	5049166	60.812	ng		99
84) Bis(2-ethylhexyl)phtha...	21.350	149	3074963	50.843	ng	#	96
85) Di-n-octyl phthalate	22.262	149	4832543	49.619	ng		98
87) Indeno(1,2,3-cd)pyrene	26.274	276	4527303	63.658	ng		100
88) Benzo(b)fluoranthene	23.086	252	4391352	64.347	ng		99
89) Benzo(k)fluoranthene	23.139	252	4602253	65.543	ng		99
90) Benzo(a)pyrene	23.703	252	3590980	65.427	ng		99
91) Dibenzo(a,h)anthracene	26.285	278	3822226	64.514	ng		99
92) Benzo(g,h,i)perylene	27.026	276	3565011	61.977	ng		100

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

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