Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011222\
Data File : BM033698.D
Acq On : 12 Jan 2022 14:39
Operator : CG/JU
Sample : N1097-10MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 13 07:50:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 13 07:49:01 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
TP-2DMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.966	152	84395	20.000	ng		0.00
21) Naphthalene-d8	10.784	136	402344	20.000	ng		0.00
39) Acenaphthene-d10	14.607	164	298292	20.000	ng		0.00
64) Phenanthrene-d10	17.342	188	696572	20.000	ng		0.00
76) Chrysene-d12	21.506	240	837638	20.000	ng		0.00
86) Perylene-d12	23.924	264	1035171	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.513	112	713488	133.334	ng		0.00
7) Phenol-d6	7.125	99	989127	137.149	ng		0.00
23) Nitrobenzene-d5	9.131	82	623001	71.510	ng		0.00
42) 2,4,6-Tribromophenol	16.089	330	483172	155.083	ng		0.00
45) 2-Fluorobiphenyl	13.236	172	1451784	63.747	ng		0.00
79) Terphenyl-d14	19.954	244	2740365	58.887	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	80036	33.370	ng		95
3) Pyridine	3.755	79	249644	40.198	ng		91
4) n-Nitrosodimethylamine	3.655	42	131109	42.256	ng	#	74
6) Aniline	7.284	93	258010	31.582	ng		95
8) 2-Chlorophenol	7.531	128	330284	56.444	ng		88
9) Benzaldehyde	7.096	77	183558	42.024	ng		90
10) Phenol	7.154	94	440793	60.791	ng		91
11) bis(2-Chloroethyl)ether	7.384	93	274799	48.042	ng		93
12) 1,3-Dichlorobenzene	7.854	146	311806	47.676	ng		93
13) 1,4-Dichlorobenzene	8.001	146	322529	48.222	ng		98
14) 1,2-Dichlorobenzene	8.325	146	309801	47.896	ng		98
15) Benzyl Alcohol	8.207	79	332694	56.509	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.501	45	373540	43.304	ng		97
17) 2-Methylphenol	8.413	107	297754	59.487	ng		94
18) Hexachloroethane	9.060	117	116996	46.164	ng		98
19) n-Nitroso-di-n-propyla...	8.778	70	240190	50.974	ng		91
20) 3+4-Methylphenols	8.743	107	412382	60.306	ng		95
22) Acetophenone	8.795	105	495494	45.918	ng	#	93
24) Nitrobenzene	9.172	77	369983	44.659	ng		92
25) Isophorone	9.707	82	667530	47.303	ng		97
26) 2-Nitrophenol	9.890	139	179652	51.467	ng	#	85
27) 2,4-Dimethylphenol	9.954	122	338967	58.169	ng		94
28) bis(2-Chloroethoxy)met...	10.190	93	399843	42.980	ng		98
29) 2,4-Dichlorophenol	10.431	162	346217	54.265	ng		98
30) 1,2,4-Trichlorobenzene	10.648	180	311941	43.774	ng		99
31) Naphthalene	10.837	128	1015264	46.040	ng		100
32) Benzoic acid	10.095	122	327120	79.778	ng	#	86
33) 4-Chloroaniline	10.937	127	140006	16.091	ng		94
34) Hexachlorobutadiene	11.131	225	192755	41.412	ng		95
35) Caprolactam	11.719	113	135443m	76.541	ng		
36) 4-Chloro-3-methylphenol	12.066	107	433766	58.528	ng		97
37) 2-Methylnaphthalene	12.442	142	768311	51.561	ng		99
38) 1-Methylnaphthalene	12.660	142	721159	49.794	ng		100
40) 1,2,4,5-Tetrachloroben...	12.813	216	385907	40.924	ng		100
41) Hexachlorocyclopentadiene	12.795	237	385245	64.944	ng		98
43) 2,4,6-Trichlorophenol	13.048	196	288468	46.893	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.119	196	326290	50.134	ng		97
46) 1,1'-Biphenyl	13.448	154	1027954	42.189	ng		98
47) 2-Chloronaphthalene	13.489	162	773985	42.304	ng		98
48) 2-Nitroaniline	13.683	65	287851	50.155	ng	#	83
49) Acenaphthylene	14.330	152	1330721	46.607	ng		99
50) Dimethylphthalate	14.066	163	1056659	45.631	ng		98
51) 2,6-Dinitrotoluene	14.177	165	233684	52.108	ng		90
52) Acenaphthene	14.672	154	984697m	53.019	ng		
53) 3-Nitroaniline	14.501	138	127680	26.677	ng		90
54) 2,4-Dinitrophenol	14.707	184	273149	131.966	ng		89
55) Dibenzofuran	15.001	168	1279094	45.944	ng		97
56) 4-Nitrophenol	14.813	139	518520	136.701	ng	#	86
57) 2,4-Dinitrotoluene	14.960	165	352361	61.533	ng		84
58) Fluorene	15.648	166	1053490	49.398	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.230	232	302365	55.022	ng		99
60) Diethylphthalate	15.424	149	1122345	47.048	ng		99
61) 4-Chlorophenyl-phenyle...	15.642	204	503511	45.756	ng		94
62) 4-Nitroaniline	15.660	138	265730	57.002	ng		92
63) Azobenzene	15.936	77	1063435	45.092	ng		94
65) 4,6-Dinitro-2-methylph...	15.719	198	180074	47.084	ng		86
66) n-Nitrosodiphenylamine	15.854	169	932303	39.605	ng		98
67) 4-Bromophenyl-phenylether	16.536	248	319614	41.481	ng		96
68) Hexachlorobenzene	16.654	284	370057	42.173	ng		99
69) Atrazine	16.801	200	370137	45.833	ng		99
70) Pentachlorophenol	16.995	266	616452	115.521	ng		98
71) Phenanthrene	17.383	178	2077257	52.115	ng		99
72) Anthracene	17.477	178	1907920	48.798	ng		99
73) Carbazole	17.742	167	1802368	48.898	ng		99
74) Di-n-butylphthalate	18.313	149	2096796	44.070	ng		99
75) Fluoranthene	19.395	202	2674005	63.903	ng		99
77) Benzidine	19.571	184	1144442	45.523	ng		99
78) Pyrene	19.754	202	2768790	46.949	ng		99
80) Butylbenzylphthalate	20.642	149	1099453	41.739	ng		95
81) Benzo(a)anthracene	21.489	228	2749041	48.398	ng		99
82) 3,3'-Dichlorobenzidine	21.418	252	669317	33.217	ng		100
83) Chrysene	21.542	228	2671163	49.142	ng		99
84) Bis(2-ethylhexyl)phtha...	21.424	149	1595875	39.773	ng	#	98
85) Di-n-octyl phthalate	22.353	149	3010674	46.140	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.471	276	3536390	46.326	ng		100
88) Benzo(b)fluoranthene	23.189	252	3159519	47.873	ng		99
89) Benzo(k)fluoranthene	23.242	252	3051166	47.701	ng		99
90) Benzo(a)pyrene	23.824	252	3186977	58.183	ng		99
91) Dibenzo(a,h)anthracene	26.483	278	2974446	46.912	ng		97
92) Benzo(g,h,i)perylene	27.253	276	2879361	46.190	ng		98

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

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