Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060122\
Data File : BM035346.D
Acq On : 01 Jun 2022 14:35
Operator : CG/JU
Sample : N3099-06MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20220429-SPLP-AMENDED-COMPOSITE-IMSD

Quant Time: Jun 02 08:47:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 31 15:35:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	102748	20.000	ng		-0.01
21) Naphthalene-d8	10.663	136	382223	20.000	ng		#-0.01
39) Acenaphthene-d10	14.504	164	234699	20.000	ng		-0.01
64) Phenanthrene-d10	17.245	188	483538	20.000	ng		-0.01
76) Chrysene-d12	21.433	240	493152	20.000	ng		# 0.00
86) Perylene-d12	23.797	264	568332	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	366388	65.840	ng		-0.01
7) Phenol-d6	7.045	99	304902	42.314	ng		0.00
23) Nitrobenzene-d5	9.028	82	613646	88.378	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	462221	151.810	ng		0.00
45) 2-Fluorobiphenyl	13.127	172	1609120	95.077	ng		-0.01
79) Terphenyl-d14	19.874	244	2511773	90.253	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	47101	21.612	ng	#	88
3) Pyridine	3.746	79	106461	18.776	ng		87
4) n-Nitrosodimethylamine	3.657	42	57818	20.937	ng	#	70
6) Aniline	7.187	93	306455	40.029	ng		96
8) 2-Chlorophenol	7.428	128	309252	49.385	ng		93
9) Benzaldehyde	7.004	77	204042m	54.615	ng		
10) Phenol	7.069	94	134196	19.110	ng		96
11) bis(2-Chloroethyl)ether	7.287	93	302616	55.130	ng		92
12) 1,3-Dichlorobenzene	7.751	146	386414	53.388	ng		95
13) 1,4-Dichlorobenzene	7.898	146	397454	53.767	ng		98
14) 1,2-Dichlorobenzene	8.216	146	385883	53.786	ng		98
15) Benzyl Alcohol	8.110	79	208434m	40.669	ng		
16) 2,2'-oxybis(1-Chloropr...	8.392	45	357805	48.500	ng		93
17) 2-Methylphenol	8.322	107	206477	41.934	ng		94
18) Hexachloroethane	8.939	117	129011	50.949	ng	#	85
19) n-Nitroso-di-n-propyla...	8.675	70	240844	54.194	ng	#	86
20) 3+4-Methylphenols	8.651	107	251462	37.309	ng		98
22) Acetophenone	8.687	105	531514	58.435	ng	#	93
24) Nitrobenzene	9.069	77	358473	55.975	ng		93
25) Isophorone	9.598	82	656991	62.517	ng		95
26) 2-Nitrophenol	9.781	139	204287	61.823	ng	#	88
27) 2,4-Dimethylphenol	9.851	122	296550	64.074	ng		99
28) bis(2-Chloroethoxy)met...	10.075	93	406286	57.169	ng		99
29) 2,4-Dichlorophenol	10.322	162	346195	59.393	ng		98
30) 1,2,4-Trichlorobenzene	10.528	180	394057	56.628	ng		97
31) Naphthalene	10.716	128	1060779	56.956	ng		99
32) Benzoic acid	10.004	122	83985	21.809	ng		94
33) 4-Chloroaniline	10.828	127	264684	35.880	ng		96
34) Hexachlorobutadiene	10.998	225	246215	54.075	ng		99
35) Caprolactam	11.645	113	18609	11.635	ng	#	80
36) 4-Chloro-3-methylphenol	11.969	107	298328	51.516	ng		97
37) 2-Methylnaphthalene	12.327	142	765209	58.268	ng		97
38) 1-Methylnaphthalene	12.545	142	739906	57.635	ng		98
40) 1,2,4,5-Tetrachloroben...	12.698	216	479073	63.741	ng	#	96
41) Hexachlorocyclopentadiene	12.674	237	261231	58.868	ng		98
43) 2,4,6-Trichlorophenol	12.939	196	304333	62.136	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	324742	62.332	ng	#	90
46) 1,1'-Biphenyl	13.339	154	1055904	61.060	ng		99
47) 2-Chloronaphthalene	13.380	162	820363	61.183	ng		98
48) 2-Nitroaniline	13.586	65	208116	62.206	ng		85
49) Acenaphthylene	14.227	152	1300305	65.041	ng		100
50) Dimethylphthalate	13.969	163	972979	58.458	ng		98
51) 2,6-Dinitrotoluene	14.086	165	226285	66.229	ng	#	78
52) Acenaphthene	14.568	154	747110	61.365	ng		99
53) 3-Nitroaniline	14.416	138	145760	43.061	ng		91
54) 2,4-Dinitrophenol	14.627	184	241427	110.627	ng	#	78
55) Dibenzofuran	14.904	168	1214190	59.214	ng		94
56) 4-Nitrophenol	14.751	139	133326	51.088	ng	#	82
57) 2,4-Dinitrotoluene	14.874	165	304614	66.463	ng	#	83
58) Fluorene	15.551	166	974779	60.972	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.133	232	278267	60.346	ng	#	83
60) Diethylphthalate	15.327	149	950830	58.469	ng		97
61) 4-Chlorophenyl-phenyle...	15.545	204	525387	60.359	ng		90
62) 4-Nitroaniline	15.574	138	208712	61.047	ng		92
63) Azobenzene	15.839	77	738278	53.661	ng		89
65) 4,6-Dinitro-2-methylph...	15.645	198	166038	54.750	ng		79
66) n-Nitrosodiphenylamine	15.763	169	846785	60.804	ng		100
67) 4-Bromophenyl-phenylether	16.439	248	335924	62.132	ng	#	89
68) Hexachlorobenzene	16.562	284	377125	62.616	ng	#	86
69) Atrazine	16.721	200	294530	63.539	ng		96
70) Pentachlorophenol	16.910	266	456177	131.137	ng		99
71) Phenanthrene	17.292	178	1498839	60.331	ng		99
72) Anthracene	17.380	178	1536347	63.352	ng		99
73) Carbazole	17.651	167	1357139	58.846	ng		98
74) Di-n-butylphthalate	18.221	149	1566135	58.528	ng		99
75) Fluoranthene	19.309	202	1771352	60.875	ng		98
77) Benzidine	19.492	184	396501	39.691	ng		100
78) Pyrene	19.668	202	1805731	55.812	ng		100
80) Butylbenzylphthalate	20.568	149	689756	55.739	ng	#	88
81) Benzo(a)anthracene	21.421	228	1871638	60.015	ng		99
82) 3,3'-Dichlorobenzidine	21.350	252	605851	78.467	ng	#	98
83) Chrysene	21.468	228	1743155	59.214	ng		100
84) Bis(2-ethylhexyl)phtha...	21.350	149	986659	56.394	ng	#	96
85) Di-n-octyl phthalate	22.262	149	1707009	58.810	ng	#	93
87) Indeno(1,2,3-cd)pyrene	26.256	276	2487915	64.251	ng		95
88) Benzo(b)fluoranthene	23.080	252	2037135	59.412	ng		99
89) Benzo(k)fluoranthene	23.133	252	2028671	59.884	ng		99
90) Benzo(a)pyrene	23.697	252	2012920	70.830	ng	#	97
91) Dibenzo(a,h)anthracene	26.268	278	2202771	68.483	ng		96
92) Benzo(g,h,i)perylene	27.009	276	2157137	67.242	ng	#	95

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

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